

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>			5. MINERAL LEASE NO: <b>ML 3355</b>	6. SURFACE: <b>State</b>
1A. TYPE OF WORK: <b>DRILL</b> <input checked="" type="checkbox"/> <b>REENTER</b> <input type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input checked="" type="checkbox"/> <b>OTHER</b> _____ <b>SINGLE ZONE</b> <input checked="" type="checkbox"/> <b>MULTIPLE ZONE</b> <input type="checkbox"/>			8. UNIT or CA AGREEMENT NAME: <b>Chapita Wells Unit</b>	
2. NAME OF OPERATOR: <b>EOG Resources, Inc.</b>			9. WELL NAME and NUMBER: <b>Chapita Wells Unit 1325-32</b>	
3. ADDRESS OF OPERATOR: <b>1060 East Highway 40</b> CITY <b>Vernal</b> STATE <b>UT</b> ZIP <b>84078</b>		PHONE NUMBER: <b>(435) 789-0790</b>	10. FIELD AND POOL, OR WILDCAT: <b>Natural Buttes/Mesaverde</b>	
4. LOCATION OF WELL (FOOTAGES): <b>640829x 44283014 39.995062</b> AT SURFACE: <b>1732 FNL &amp; 2559 FWL 39.994978 LAT 109.551025 LON</b> AT PROPOSED PRODUCING ZONE: <b>Same</b> <b>-104.350377</b>			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENW 32 9S 23E S</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>55.4 Miles South of Vernal, UT</b>			12. COUNTY: <b>Uintah</b>	13. STATE: <b>UTAH</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): <b>1732</b>	16. NUMBER OF ACRES IN LEASE: <b>640</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40</b>		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): <b>850</b>	19. PROPOSED DEPTH: <b>8,780</b>	20. BOND DESCRIPTION: <b>NM 2308</b>		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>5144 GL</b>	22. APPROXIMATE DATE WORK WILL START:	23. ESTIMATED DURATION: <b>45 Days</b>		

24. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/8"	H-40	48.0#	0-45	See Attached Eight Point Plan
12-1/4"	9-5/8"	J-55	36.0#	0-2,300	See Attached Eight Point Plan
7-7/8"	4-1/2"	N-80	11.6#	0-8,780	See Attached Eight Point Plan

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

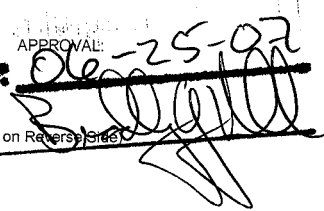
NAME (PLEASE PRINT) Kaylene R. Gardner      TITLE Sr. Regulatory Assistant

SIGNATURE       DATE 5/7/2007

(This space for State use only)

API NUMBER ASSIGNED: 43-047-39296

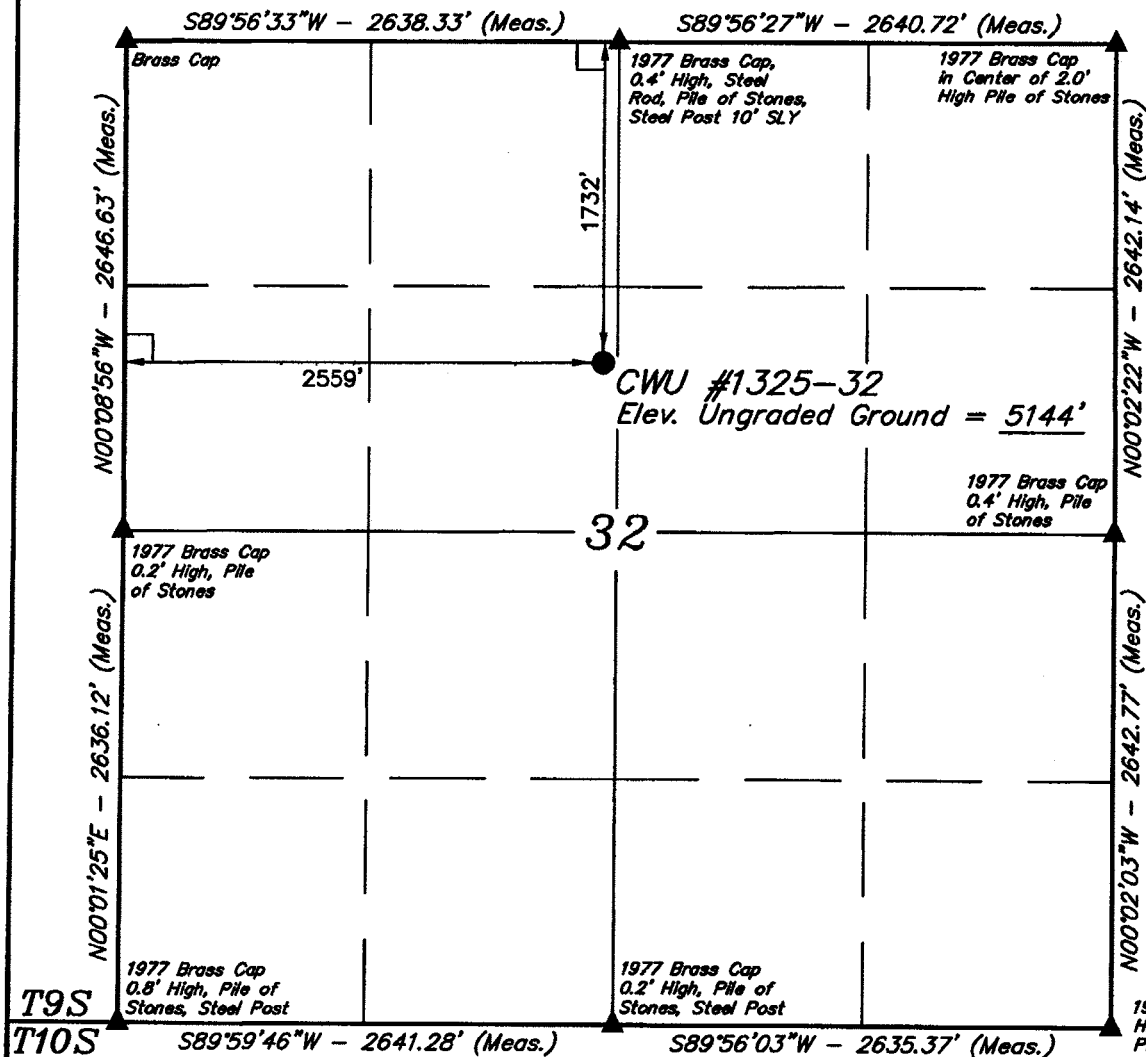
**Approved by the  
Utah Division of  
Oil, Gas and Mining**

APPROVAL: 06-25-07  
Date: 06-25-07  
By: 

**RECEIVED**  
**MAY 10 2007**

DIV. OF OIL, GAS & MINING

T9S, R23E, S.L.B.&M.



**LEGEND:**

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE = 39°59'41.92" (39.994978)  
 LONGITUDE = 109°21'03.69" (109.351025)  
 (NAD 27)  
 LATITUDE = 39°59'42.04" (39.995011)  
 LONGITUDE = 109°21'01.24" (109.350344)

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

**EOG RESOURCES, INC.**

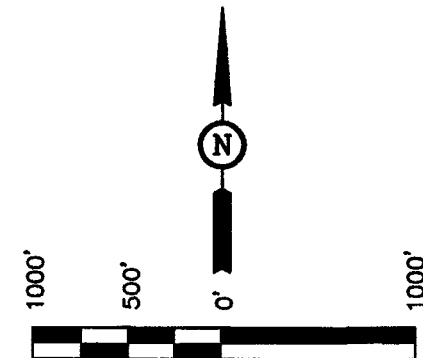
Well location, CWU #1325-32, located as shown in the SE 1/4 NW 1/4 of Section 32, T9S, R23E, S.L.B.&M., Uintah County, Utah.

**BASIS OF ELEVATION**

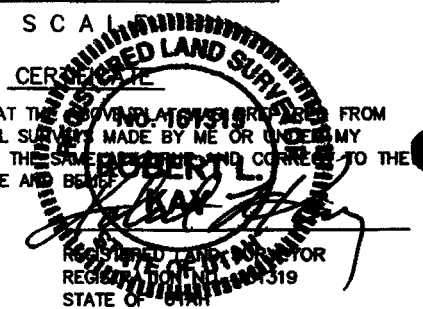
BENCHMARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



THIS IS TO CERTIFY THAT THE SURVEY PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-10-07	DATE DRAWN: 04-23-07
PARTY G.S. R.W. C.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE EOG RESOURCES, INC.	

## EIGHT POINT PLAN

### CHAPITA WELLS UNIT 1325-32 SE/NW, SEC. 32, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,344		Shale	
Wasatch	4,321		Sandstone	
Chapita Wells	5,863		Sandstone	
Buck Canyon	5,547		Sandstone	
North Horn	6,158		Sandstone	
KMV Price River	6,426	Primary	Sandstone	Gas
KMV Price River Middle	7,366	Primary	Sandstone	Gas
KMV Price River Lower	8,075	Primary	Sandstone	Gas
Sego	8,582		Sandstone	
TD	8,780			

Estimated TD: 8,780' or 200'± below Sego top

Anticipated BHP: 4,795 Psig

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

#### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

CASING	Hole Size	Length	Size	WEIGHT	Grade	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	17 ½"	0 – 45'	13 ⅜"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0 – 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-½"	11.6#	N-80	LTC	6350 PSI	7780 Psi	233,000#

**Note:** 12-¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

**All casing will be new or inspected.**

## EIGHT POINT PLAN

### CHAPITA WELLS UNIT 1325-32 SE/NW, SEC. 32, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

#### **5. Float Equipment:**

##### **Surface Hole Procedure (0' - 2300'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

##### **Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

#### **6. MUD PROGRAM**

##### **Surface Hole Procedure (Surface - 2300'±):**

Air/air mist or aerated water.

**Production Hole Procedure (2300'± - TD):** Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### **7. VARIANCE REQUESTS:**

**Reference:** Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 1325-32**  
**SE/NW, SEC. 32, T9S, R23E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**8. EVALUATION PROGRAM:**

**Logs:** Mud log from base of surface casing to TD.  
**Cased-hole Logs:** Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
**Cement Bond / Casing Collar Locator and Pulsed Neutron**

**9. CEMENT PROGRAM:**

**Surface Hole Procedure (Surface - 2300'±):**

**Lead:** **185 sks** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

**Tail:** **207 sks** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Note:** Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

**Production Hole Procedure (2300'± - TD)**

**Lead:** **115 sks:** Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** **875 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note:** The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

**Final Cement volumes will be based upon gauge-hole plus 45% excess.**

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 1325-32**  
**SE/NW, SEC. 32, T9S, R23E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 2300'±):**

Lost circulation

**Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

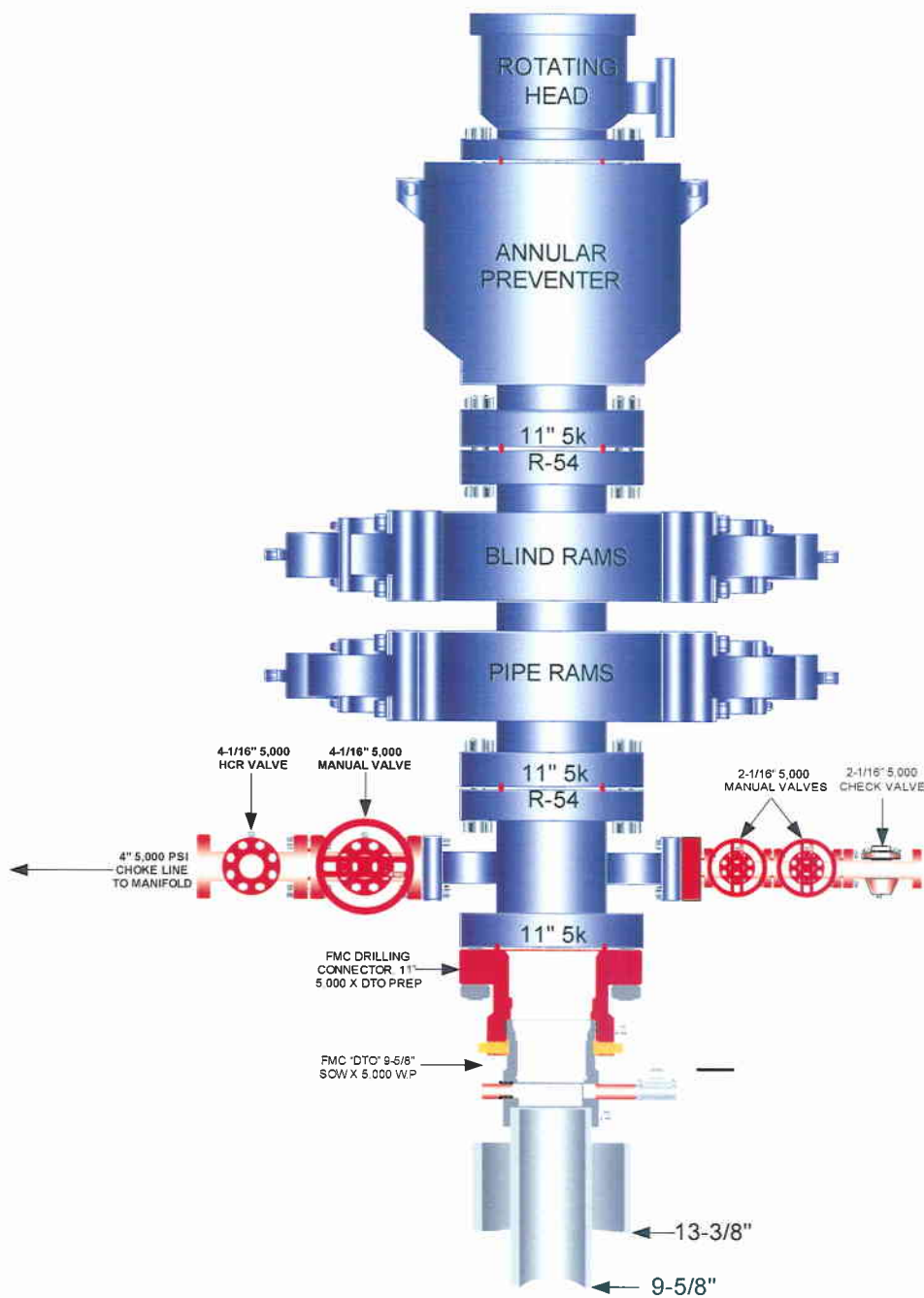
**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

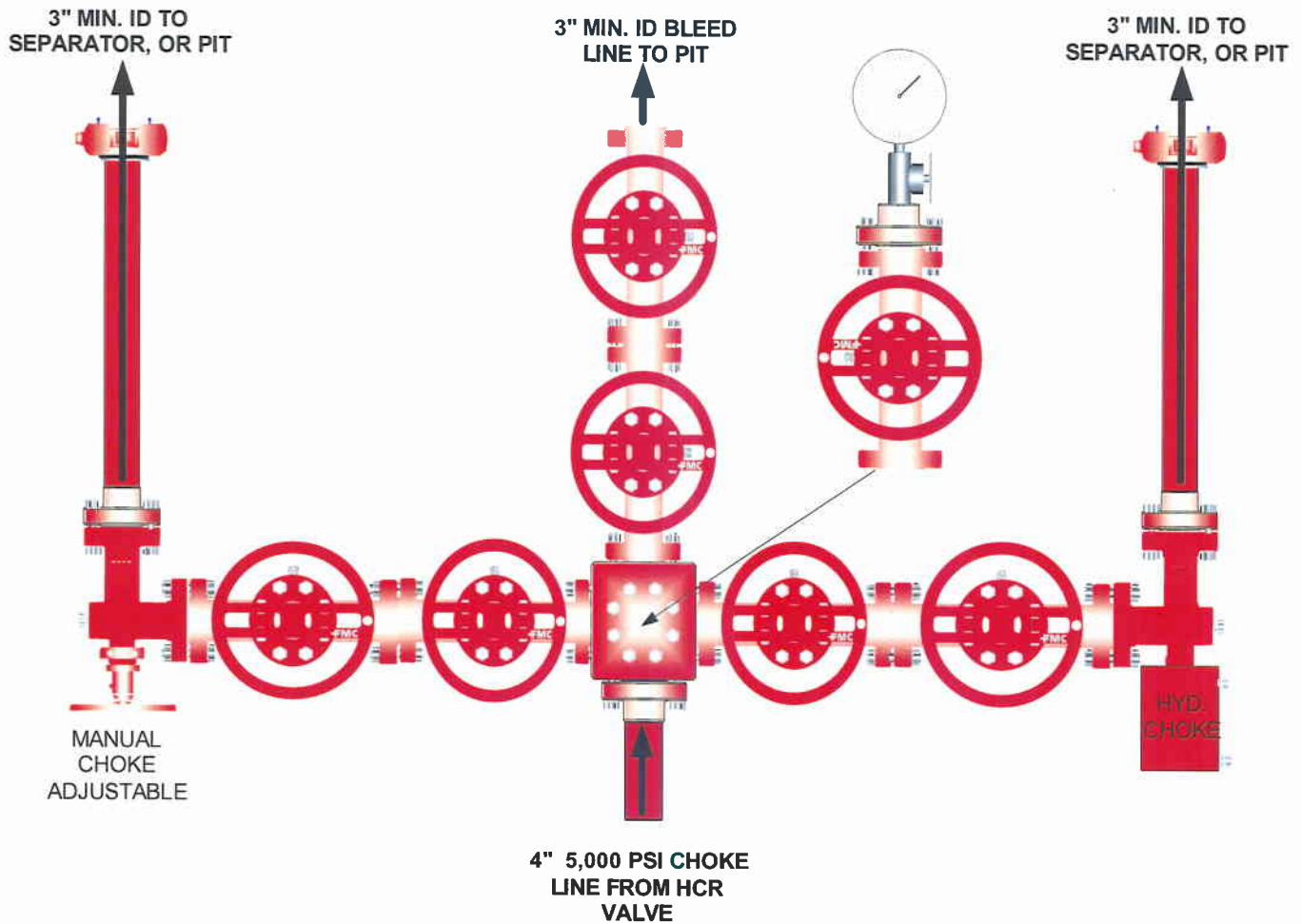
**EOG RESOURCES 11" 5,000 PSI W.P. BOP  
CONFIGURATION**

PAGE 1 OF 2



EOG RESOURCES CHOKE MANIFOLD CONFIGURATION  
W/ 5,000 PSI WP VALVES

PAGE 2 OF 2



Testing Procedure:

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.  
Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, **whichever is greater.**
4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.





***Chapita Wells Unit 1325-32  
SENW, Section 32, T9S, R23E  
Uintah County, Utah***

***SURFACE USE PLAN***

***1. EXISTING ROADS:***

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 55.4 miles south of Vernal, Utah – See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

***2. PLANNED ACCESS ROAD:***

- A. The access road will be approximately 792' in length. See attached Topo B.
- B. The access road has a 40 foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 40-foot permanent right-of-way is requested. No surfacing material will used.
- J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40 foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

**3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:**

See attached TOPO map "C" for the location of wells within a one-mile radius.

**4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:**

**A. On Well Pad**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.

**B. Off Well Pad**

1. Proposed pipeline will transport natural gas.
2. The pipeline will be a permanent feeder line.
3. The length of the proposed pipeline is 2700' x 40'. The proposed pipeline leaves the eastern edge of the well pad (Lease ML-3355) proceeding in a westerly direction for an approximate distance of 2700' tying into an existing pipeline in the NESW of Section 32, T9S, R23E. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.

4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
5. Proposed pipeline will be laid on surface.
6. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All facilities will be painted with Carlsbad Canyon.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

**5. LOCATION AND TYPE OF WATER SUPPLY:**

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

**6. SOURCE OF CONSTRUCTION MATERIALS:**

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

**7. METHODS OF HANDLING WASTE DISPOSAL:**

**A. METHODS AND LOCATION**

1. Cuttings will be confined in the reserve pit.
2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at

one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 16 millimeter plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

#### **8. ANCILLARY FACILITIES:**

None anticipated.

**9. WELL SITE LAYOUT:**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the east corner of the location. The flare pit will be located downwind of the prevailing wind direction on the south side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the west.

**FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion

of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

#### **10. PLANS FOR RECLAMATION OF THE SURFACE:**

##### **A. Interim Reclamation (Producing Location)**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

##### **B. Dry Hole/Abandoned Location**

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

#### **11. SURFACE OWNERSHIP:**

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

State of Utah

**12. OTHER INFORMATION:**

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
- Whether the materials appear eligible for the National Register of Historic Places;
  - The mitigation measures the operator will likely have to undertake before the site can be used.
  - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for

the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources and paleontology survey will be conducted and submitted by Montgomery Archaeological Consultants.



***LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:***

**PERMITTING AGENT**

Kaylene R. Gardner  
EOG Resources, Inc.  
P.O. Box 1815  
Vernal, Ut 84078  
(435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

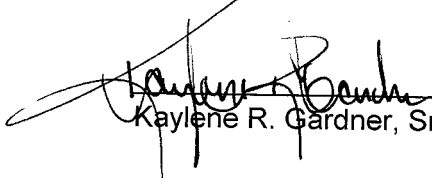
**CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1325-32 Well, located in the SENW, of Section 32, T9S, R23E, Uintah County, Utah; State land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

May 7, 2006

Date

  
Kaylene R. Gardner, Sr. Regulatory Assistant

# EOG RESOURCES, INC.

CWU #1325-32

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 32, T9S, R23E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

04 18 07  
MONTH DAY YEAR

PHOTO

TAKEN BY: G.S.

DRAWN BY: C.P.

REVISED: 00-00-00

EOG RESOURCES, INC.  
CWU #1325-32  
SECTION 32, T9S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 4.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #954-32 TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN EASTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 55.4 MILES.



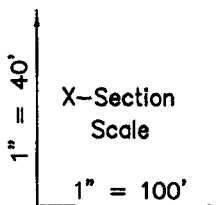
# EOG RESOURCES, INC.

## TYPICAL CROSS SECTIONS FOR

CWU #1325-32

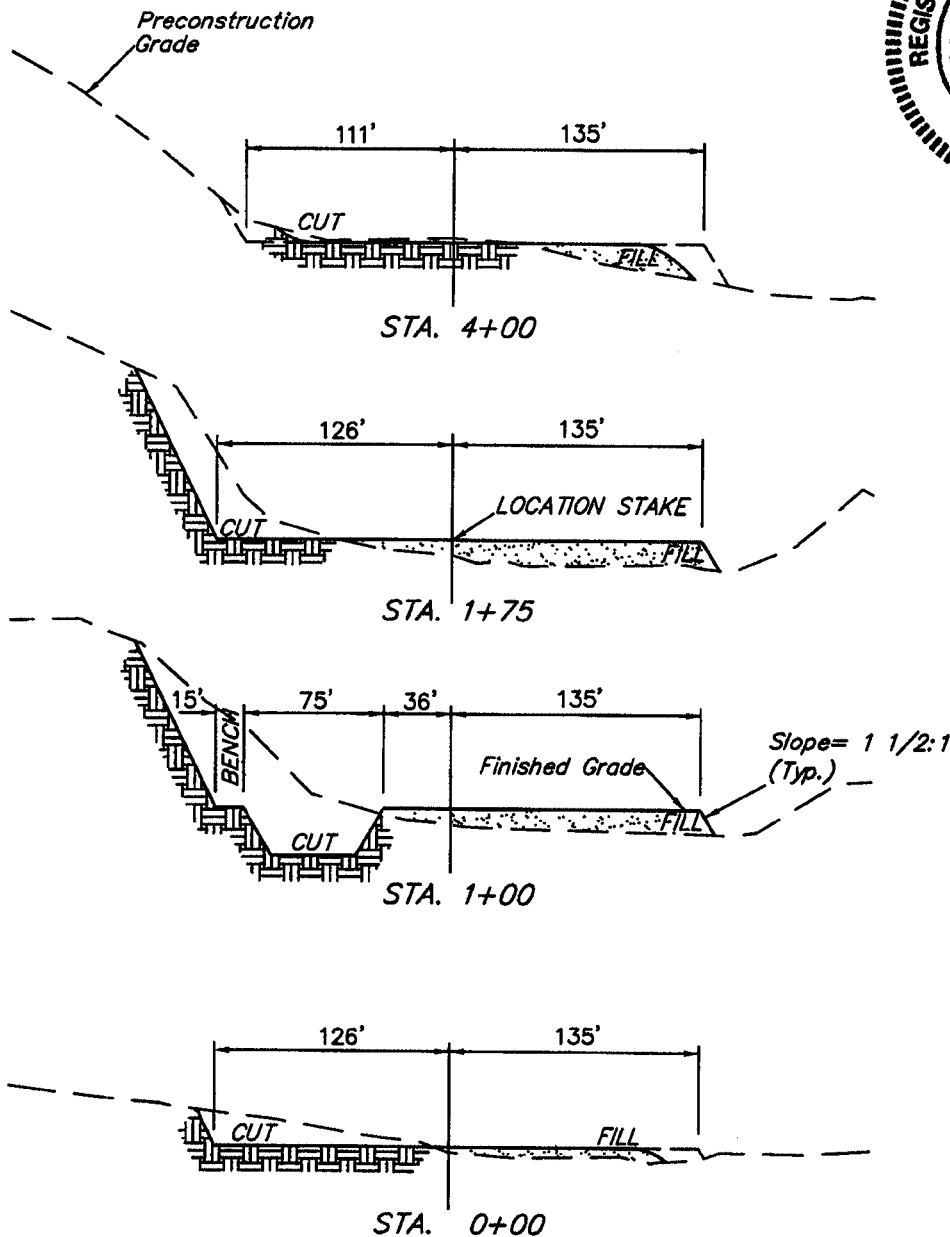
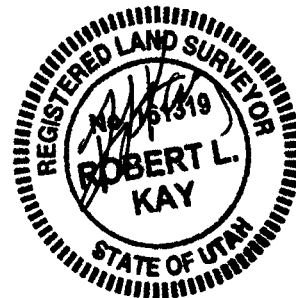
SECTION 32, T9S, R23E, S.L.B.&M.

1732' FNL 2559' FWL



DATE: 04-23-07

DRAWN BY: C.H.



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 2,410 Cu. Yds.
Remaining Location	= 15,770 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 18,180 CU.YDS.</b>
<b>FILL</b>	<b>= 13,980 CU.YDS.</b>

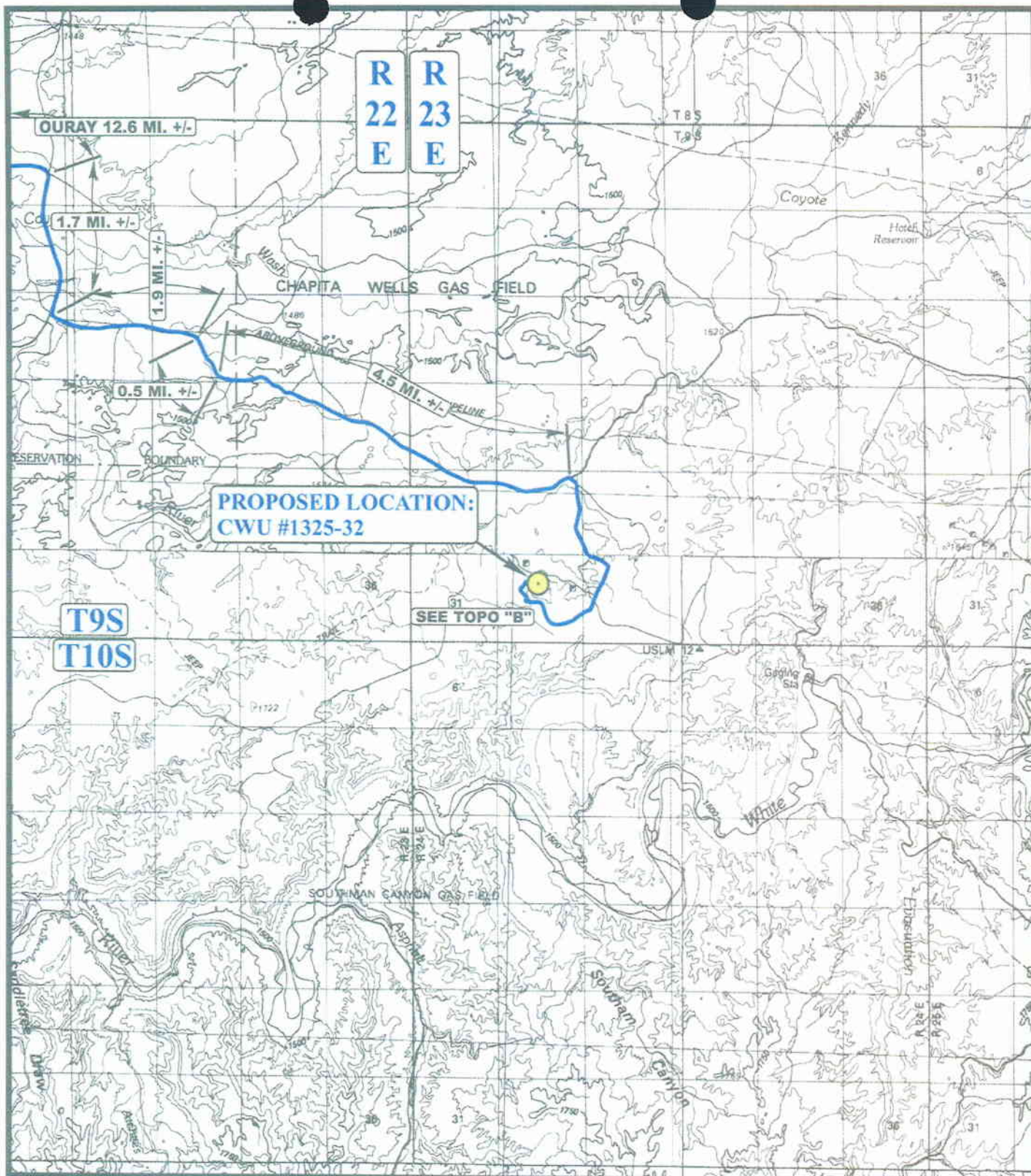
### \* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL	= 4,200 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,200 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017





# LEGEND:

● PROPOSED LOCATION

EOG RESOURCES, INC.

CWU #1325-32  
SECTION 32, T9S, R23E, S.L.B.&M.  
1732' FNL 2559' FWL



Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



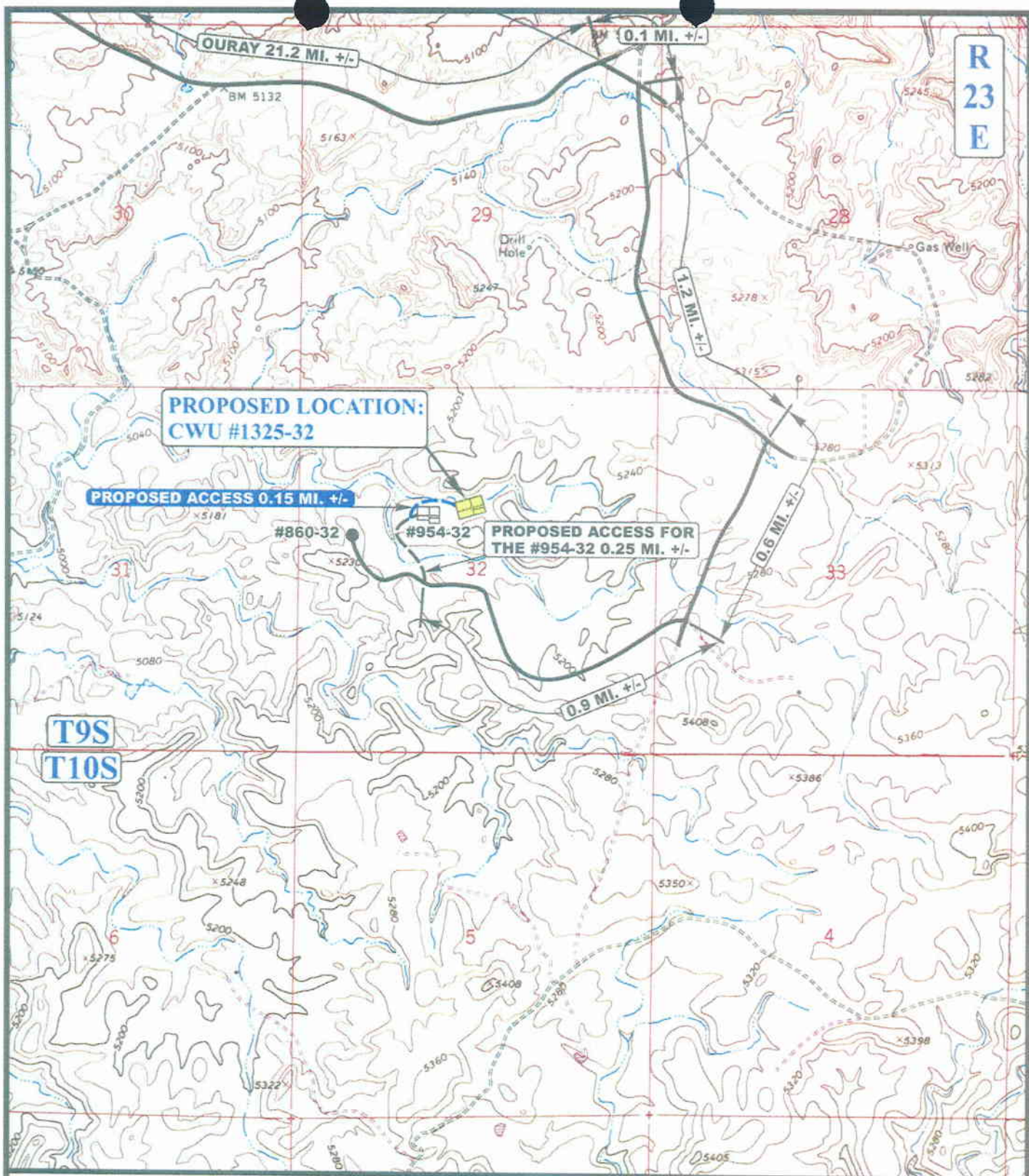
TOPOGRAPHIC  
MAP

04 18 07  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00







# LEGEND:

— EXISTING ROAD  
 - - - PROPOSED ACCESS ROAD

EOG RESOURCES, INC.

CWU #1325-32  
 SECTION 32, T9S, R23E, S.L.B.&M.  
 1732' FNL 2559' FWL



Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
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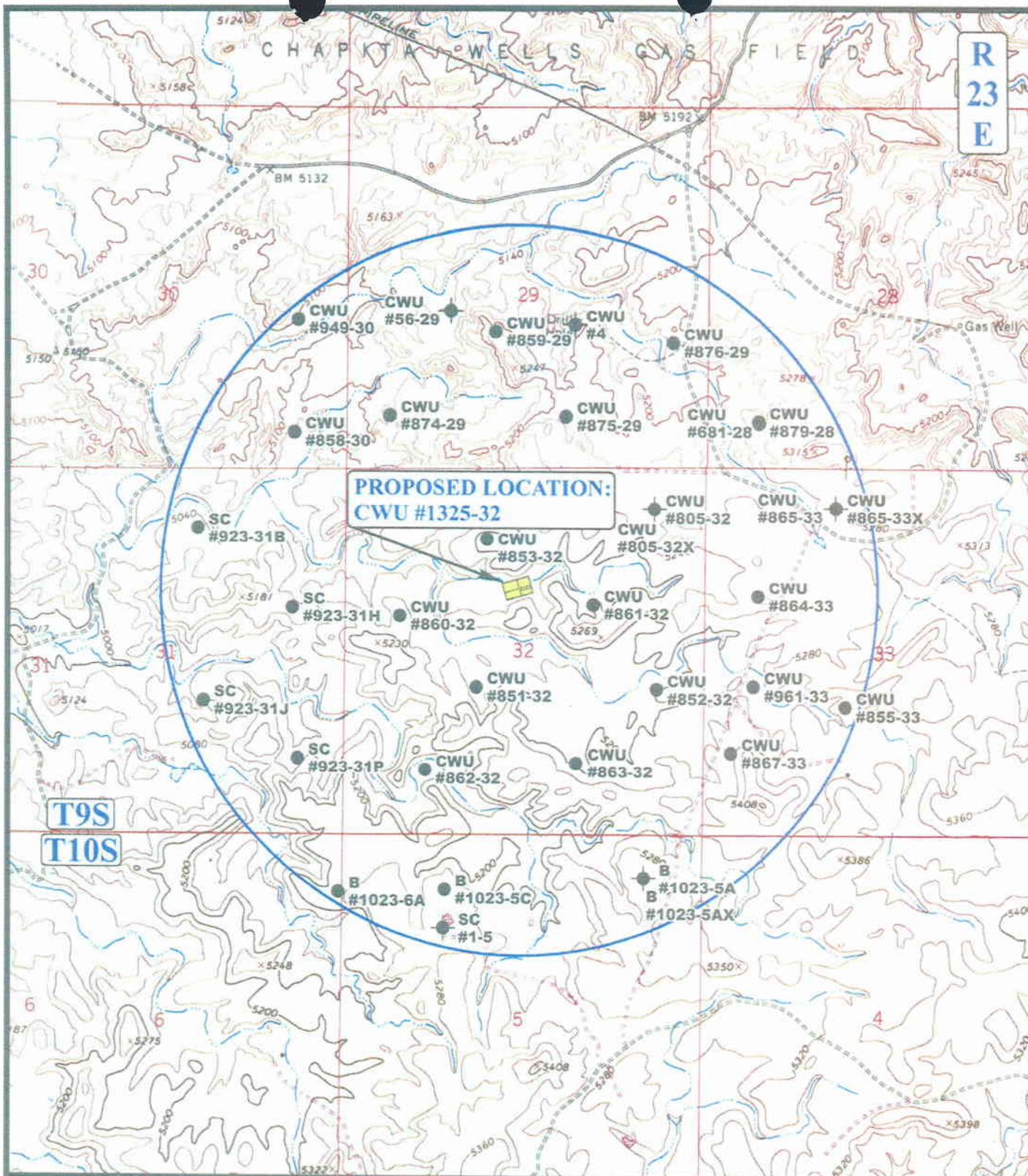
TOPOGRAPHIC  
 MAP

04 18 07  
 MONTH DAY YEAR

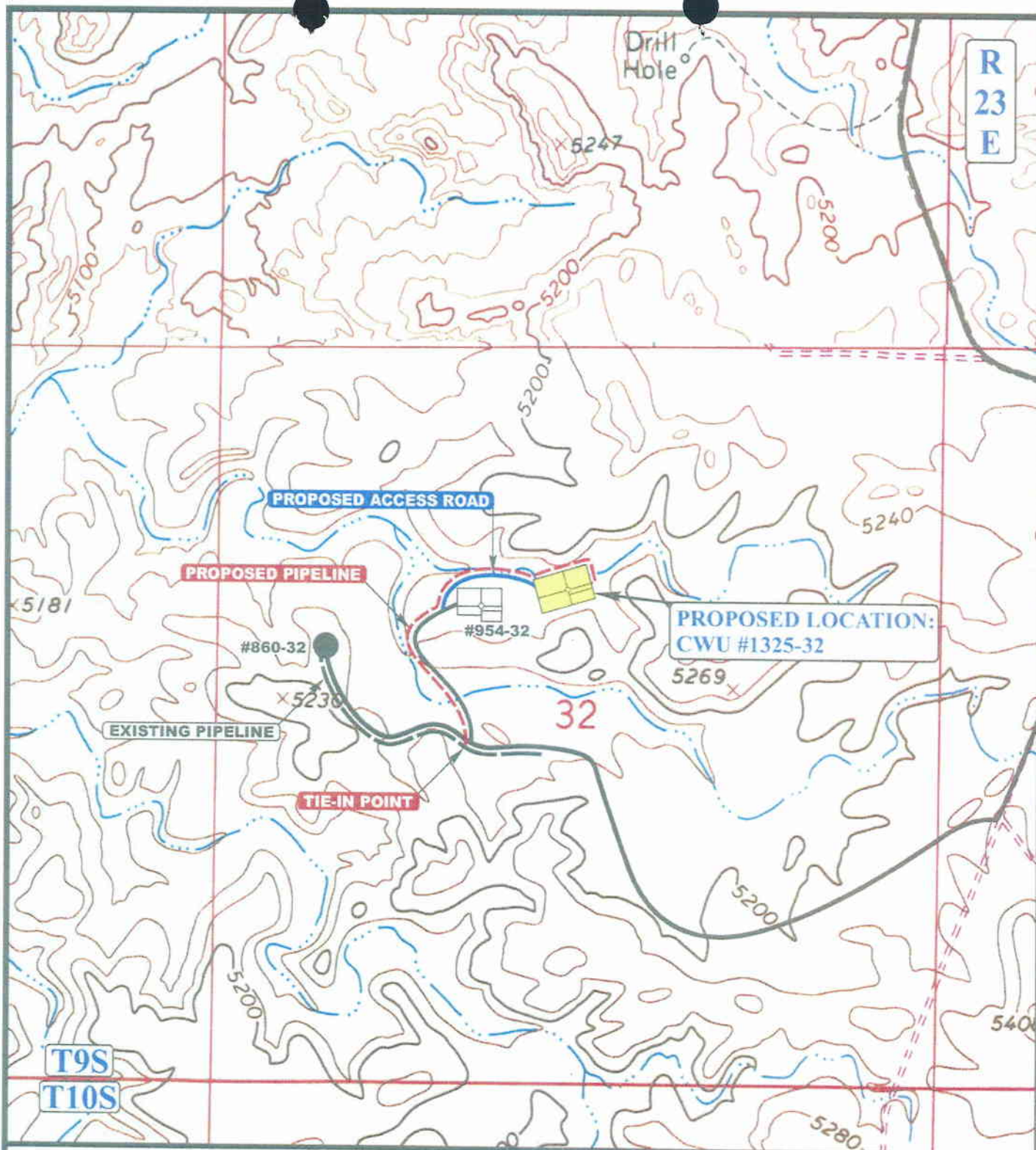
SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00

B  
 TOPO









APPROXIMATE TOTAL PIPELINE DISTANCE = 2,700' +/-

**LEGEND:**

- PROPOSED ACCESS ROAD
- - - - - EXISTING PIPELINE
- - - - - PROPOSED PIPELINE



**EOG RESOURCES, INC.**

CWU #1325-32  
SECTION 32, T9S, R23E, S.L.B.&M.  
1732' FNL 2559' FWL



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**04 18 07**  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00

**D  
TOPO**

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/10/2007

API NO. ASSIGNED: 43-047-39296

WELL NAME: CWU 1325-32

OPERATOR: EOG RESOURCES INC ( N9550 )

PHONE NUMBER: 435-789-0790

CONTACT: KAYLENE GARDNER

PROPOSED LOCATION:

SENW 32 090S 230E

SURFACE: 1732 FNL 2559 FWL

BOTTOM: 1732 FNL 2559 FWL

COUNTY: UINTAH

LATITUDE: 39.99506 LONGITUDE: -109.3504

UTM SURF EASTINGS: 640829 NORTHINGS: 4428302

FIELD NAME: NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	Duo	6/25/07
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML 3355

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[] Ind[] Sta[] Fee[]  
(No. 6196017 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 49-225 )  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

       R649-2-3.  
Unit: CHAPITA WELLS  
       R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
       R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 179-8  
Eff Date: 8-10-1999  
Siting: Suspending General Siting  
       R649-3-11. Directional Drill

COMMENTS: Needs permit (05-22-07)

STIPULATIONS: 1- STATEMENT OF BASIS

2- Surface Csg Cont step

3- Cont Step # 3 (4 1/2" production, 2100' MD)

T9S R23E

# **NATURAL BUTTES FIELD CHAPITA WELLS UNIT**

CAUSE: 179-8 / 8-10-1999

CWU 805-32X  
(RIGSKID)

CWU 805-32

CWU 953-32

CWU 853-32

CWU 1326-32

CWU 1325-32

CWU 954-32

CWU 695-32  
CWU 861-32

CWU 955-32

CWU 697-32

CWU 860-32

CWU 1330-32

CWU 1327-32

32

CWU 851-32

CWU 852-32

CWU 722-32

CWU 51-32

CWU 698-32  
CWU 863-32

CWU 719-33  
CWU 867-33

CWU 699-32  
CWU 862-32

CWU 1031-32

CWU 957-32

T10S R23E

BONANZA 1023-5C

BONANZA 1023-5A  
BONANZA 1023-5AX (RIGSKID)

OPERATOR: EOG RESOURCES INC (N9550)

SEC: 32 T.9S R. 23E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 179-8 / 8-10-1999

## **Field Status**

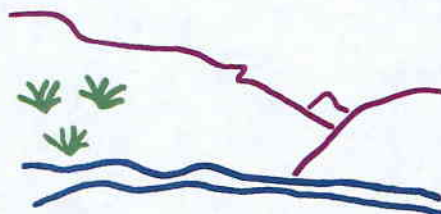
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

## **Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

## **Wells Status**

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON  
DATE: 11-MAY-2007



# Application for Permit to Drill

## Statement of Basis

### Utah Division of Oil, Gas and Mining

5/24/2007

Page 1

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Ownr</b>	<b>CBM</b>		
416	43-047-39296-00-00		GW	S	No		
<b>Operator</b>	EOG RESOURCES INC		<b>Surface Owner-APD</b>				
<b>Well Name</b>	CWU 1325-32	<b>Unit</b>	CHAPITA WELLS				
<b>Field</b>	NATURAL BUTTES	<b>Type of Work</b>					
<b>Location</b>	SENW 32 9S 23E S 1732 FNL 2559 FWL GPS Coord (UTM) 640829E 4428302N						

#### Geologic Statement of Basis

EOG proposes to set 2,300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 3,100'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and is not expected to produce prolific aquifers. The production casing cement should be brought up above the base of the moderately saline ground water to isolate it from fresher waters uphole. The proposed casing and cement program should adequately protect usable ground water in the area.

Brad Hill

5/24/2007

APD Evaluator

Date / Time

#### Surface Statement of Basis

The general area is the Chapita Wells Gas Field within the Coyote Wash Drainage. This drainage is a significant drainage beginning near the Utah-Colorado border to the east and joining the White River several miles to the west and south. The wash is dry except for ephemeral flows. No seeps or springs exist in the area. An occasional pond has been constructed to supply water for livestock and antelope. The topography is characterized by rolling hills, frequently divided by gentle to deep draws, which flow into Coyote Wash. The draws are often rimmed with steep side hills with exposed sand stone bedrock cliffs. Vernal, Utah is approximately 35 air miles and 55 road miles to the northwest. The area is accessed by Utah State, Uintah County and oilfield development roads to within 0.25 miles of the location where a new road will be constructed.

The proposed Chapita Wells Unit 1324-32 gas well is on the gentle sideslope of an east-west running secondary drainage. It begins against a low hill with rocky outcrops to the south and extends north to the drainage bottom. A smaller drainage runs longitudinally through a portion of the location and needs to be diverted north east around the pad. Corner 2 also needs to be rounded off to miss the drainage to the north.

The location appears to be a suitable site for constructing and operating a well. However several wells exist or are planned in the immediate area. The pads almost become interconnected, only separated by a few hundred feet. The terrain is suitable for constructing these pads, however a large pad could be constructed with multiple wells drilled from one location. EOG does not desire to drill directional wells.

Both the surface and minerals for this location are owned by SITLA. Jim Davis and Ed Bonner of SITLA were invited to the pre-site evaluation but neither attended. Ben Williams and Daniel Emmett of the UDWR were also invited and neither attended.

Floyd Bartlett

5/22/2007

Onsite Evaluator

Date / Time

# **Application for Permit to Drill**

## **Statement of Basis**

5/24/2007

**Utah Division of Oil, Gas and Mining**

Page 2

### **Conditions of Approval / Application for Permit to Drill**

<b>Category</b>	<b>Condition</b>
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	Drainage thru the location needs to be diverted east around the pad. Corner 2 needs to be rounded off so as not to deposit fill into the bottom of the drainage.

# **ON-SITE PREDRILL EVALUATION**

## **Utah Division of Oil, Gas and Mining**

**Operator** EOG RESOURCES INC  
**Well Name** CWU 1325-32  
**API Number** 43-047-39296-0 **APD No** 416 **Field/Unit** NATURAL BUTTES  
**Location:** 1/4,1/4 SENW **Sec** 32 **Tw** 9S **Rng** 23E 1732 FNL 2559 FWL  
**GPS Coord (UTM)** 640837 4428301 **Surface Owner**

### **Participants**

Floyd Bartlett (DOGM), Byron Tolman (Representing EOG Resources).

### **Regional/Local Setting & Topography**

The general area is the Chapita Wells Gas Field within the Coyote Wash Drainage. This drainage is a significant drainage beginning near the Utah-Colorado border to the east and joining the White River several miles to the west and south. The wash is dry except for ephemeral flows. No seeps or springs exist in the area. An occasional pond has been constructed to supply water for livestock and antelope. The topography is characterized by rolling hills, frequently divided by gentle to deep draws, which flow into Coyote Wash. The draws are often rimmed with steep side hills with exposed sand stone bedrock cliffs. Vernal, Utah is approximately 35 air miles and 55 road miles to the northwest. The area is accessed by Utah State, Uintah County and oilfield development roads to within 0.25 miles of the location where a new road will be constructed.

The proposed Chapita Wells Unit 1324-32 gas well is on the gentle sideslope of an east-west running secondary drainage. It butts against a low hill with rocky outcrops to the south and extends north to the drainage bottom. A smaller drainage runs longitudinally through a portion of the location and needs to be diverted north east around the pad. Corner 2 also needs to be rounded off to miss the drainage to the north.

The location appears to be a suitable site for constructing and operating a well. However several wells exist or are planned in the immediate area. The pads almost become interconnected, only separated by a few hundred feet. The terrain is suitable for constructing these pads, however a large pad could be constructed with multiple wells drilled from one location. EOG does not desire to drill directional wells.

Both the surface and minerals for this location are owned by SITLA.

### **Surface Use Plan**

#### **Current Surface Use**

Grazing  
Recreational  
Wildlife Habitat

#### **New Road**

<b>Miles</b>	<b>Well Pad</b>		<b>Src Const Material</b>	<b>Surface Formation</b>
0.25	<b>Width</b> 261	<b>Length</b> 400	Onsite	UNTA

**Ancillary Facilities** N

### **Waste Management Plan Adequate?** Y

### **Environmental Parameters**

**Affected Floodplains and/or Wetland** N

**Flora / Fauna**

Poorly vegetated with mat saltbrush, halogeton, curly mesquite, shadscale, cheatgrass, bud sage and spring annuals.

Antelope, small mammals and birds.

**Soil Type and Characteristics**

Shallow rocky, sandy loam.

**Erosion Issues** Y

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diversion Required** Y

Drainage thru the location needs to be diverted east around the pad. Corner 2 needs to be rounded off.

**Berm Required?** N

**Erosion Sedimentation Control Required?** N

**Paleo Survey Run?**

**Paleo Potential Observed?** N

**Cultural Survey Run?** N

**Cultural Resources?**

**Reserve Pit****Site-Specific Factors****Site Ranking**

<b>Distance to Groundwater (feet)</b>	>200	0
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	300 to 1320	10
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>	<10	0
<b>Affected Populations</b>	<10	0
<b>Presence Nearby Utility Conduits</b>	Not Present	0

**Final Score** 25 1 **Sensitivity Level**

**Characteristics / Requirements**

The reserve pit is planned in an area of cut in the southeast corner of the location. A liner with an appropriate thickness of felt sub-liner is required. EOG commonly uses a 16 mil liner.

**Closed Loop Mud Required?** N

**Liner Required?** Y

**Liner Thickness** 16

**Pit Underlayment Required?** Y

**Other Observations / Comments**

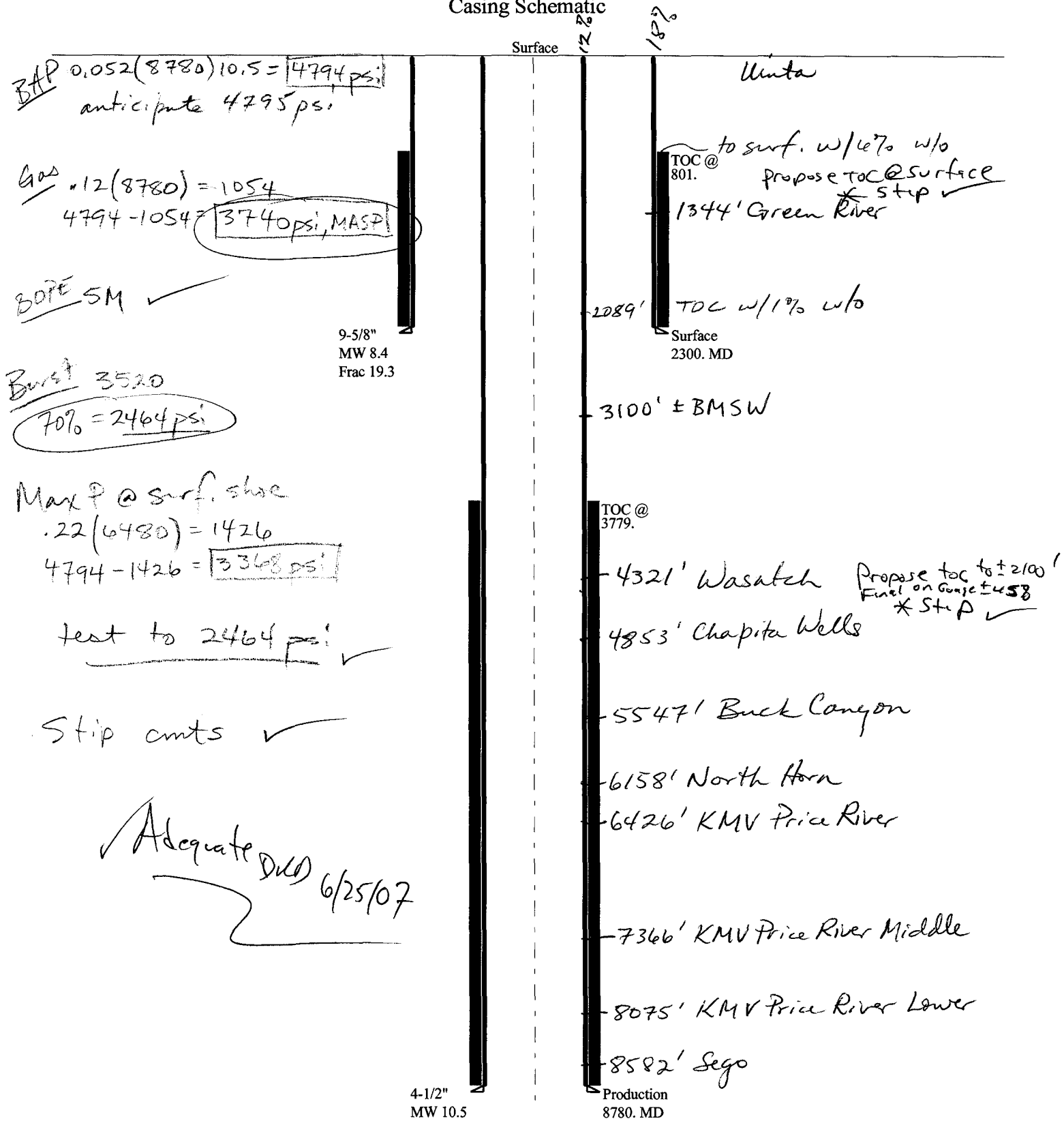
Floyd Bartlett

**Evaluator**

5/22/2007

**Date / Time**

## Casing Schematic





Well name:

2007-06 EOG CWU 1325-32

Operator: **EOG Resources Inc.**String type: **Surface**

Project ID:

43-047-39296

Location: **Uintah County****Design parameters:****Collapse**

Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 107 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 290 ft

Cement top: 801 ft

**Burst**

Max anticipated surface pressure: 2,024 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 2,300 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 2,014 ft

**Non-directional string.****Re subsequent strings:**

Next setting depth: 8,780 ft  
Next mud weight: 10.500 ppg  
Next setting BHP: 4,789 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 2,300 ft  
Injection pressure: 2,300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2300	9.625	36.00	J-55	ST&C	2300	2300	8.796	998.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1004	2020	2.013	2300	3520	1.53	73	394	5.43 J

Prepared Helen Sadik-Macdonald  
by: Div of Oil, Gas & Minerals

Phone: 801-538-5357  
FAX: 801-359-3940

Date: June 7, 2007  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 2300 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:

**2007-06 EOG CWU 1325-32**Operator: **EOG Resources Inc.**String type: **Production**

Project ID:

**43-047-39296**Location: **Uintah County****Design parameters:****Collapse**Mud weight: 10.500 ppg  
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 198 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 3,779 ft

**Burst**Max anticipated surface  
pressure: 2,857 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 4,789 psi

No backup mud specified.

**Tension:**8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)**Non-directional string.**Tension is based on buoyed weight.  
Neutral point: 7,402 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8780	4.5	11.60	N-80	LT&C	8780	8780	3.875	766.2
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4789	6350	1.326	4789	7780	1.62	86	223	2.60 J

Prepared Helen Sadik-Macdonald  
by: Div of Oil, Gas & MineralsPhone: 801-538-5357  
FAX: 801-359-3940Date: June 7, 2007  
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 8780 ft, a mud weight of 10.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

May 30, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2007 Plan of Development Chapita Wells Unit  
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Chapita Wells Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ MesaVerde)

43-047-39293	CWU 1330-32 Sec 32 T09S R23E 2321 FNL 1199 FWL	
43-047-39294	CWU 1326-32 Sec 32 T09S R23E 1661 FNL 1104 FEL	
43-047-39295	CWU 1327-32 Sec 32 T09S R23E 2630 FNL 0650 FWL	
43-047-39296	CWU 1325-32 Sec 32 T09S R23E 1732 FNL 2559 FWL	
43-047-39300	CWU 1331-32 Sec 32 T09S R23E 2626 FNL 2630 FWL	
43-047-39301	CWU 1328-32 Sec 32 T09S R23E 2549 FNL 2034 FWL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:5-30-07

**From:** Ed Bonner  
**To:** Mason, Diana  
**Date:** 6/22/2007 10:23 AM  
**Subject:** Well Clearance

**CC:** Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

The following wells have been given cultural resources clearance by the Trust Lands Cultural Resources Group:

EOG Resources, Inc

Chapita Wells Unit 1330-32 (API 43 047 39293)  
Chapita Wells Unit 1326-32 (API 43 047 39294)  
Chapita Wells Unit 1327-32 (API 43 047 39295)  
Chapita Wells Unit 1325-32 (API 43 047 39296)  
Chapita Wells Unit 1331-32 (API 43 047 39300)  
Chapita Wells Unit 1328-32 (API 43 047 39301)

Kerr McGee Oil & Gas Onshore LP

NBU 1021-19M (API 43 047 38150)  
NBU 1021-32A (API 43 047 39026)  
NBU 1021-32B (API 43 047 39027)  
NBU 1021-32C (API 43 047 39028)  
NBU 1021-32F (API 43 047 39029)  
NBU 1021-32P (API 43 047 39127)  
NBU 1021-32O (API 43 047 39128)  
NBU 1021-32N (API 43 047 39129)  
NBU 1021-32M (API 43 047 39130)  
NBU 1021-32L (API 43 047 39131)  
NBU 1021-32K (API 43 047 39132)  
NBU 1021-32J (API 43 047 39133)  
NBU 1021-32I (API 43 047 39134)  
NBU 1021-32H (API 43 047 39135)  
NBU 1021-32G (API 43 047 39136)  
NBU 1021-32D (API 43 047 39137)  
NBU 1021-32E (API 43 047 39138)

Parallel Petroleum Corporation

Trail Creek Anticline 1-2-6-25 (API 43 047 38324)

QEP Uinta Basin Inc

GB 7SG-36-8-21 (API 43 047 38765)

If you have any questions regarding this matter please give me a call.



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

June 25, 2007

EOG Resources, Inc.  
1060 East Highway 40  
Vernal, UT 84078

Re: Chapita Wells Unit 1325-32 Well, 1732' FNL, 2559' FWL, SE NW, Sec. 32, T. 9 South,  
R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39296.

Sincerely,

Gil Hunt  
Associate Director

er  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal Office  
SITLA

**Operator:** EOG Resources, Inc.  
**Well Name & Number** Chapita Wells Unit 1325-32  
**API Number:** 43-047-39296  
**Lease:** ML 3355

**Location:** SE NW      **Sec.** 32      **T.** 9 South      **R.** 23 East

### **Conditions of Approval**

#### **1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **2. Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at:           (801) 538-5338 office           (801) 942-0873 home
- Carol Daniels at:       (801) 538-5284 office
- Dustin Doucet at:      (801) 538-5281 office           (801) 733-0983 home

#### **3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. Surface casing shall be cemented to the surface.
7. Cement volume for the 4-1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to  $\pm 2100'$  MD as indicated in the submitted drilling plan.

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: EOG RESSOURCES INC

Well Name: CWU 1325-32

Api No: 43-047-39296 Lease Type: STATE

Section 32 Township 09S Range 23E County UINTAH

Drilling Contractor CRAIG'S ROUSTABOUT SER RIG # RATHOLE

### **SPUDDED:**

Date 09/20/07

Time 10:30 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by JERRY BARNES

Telephone # (435) 828-1720

Date 09/20/07 Signed CHD



**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: EOG RESOURCES, INC. Operator Account Number: N 9550  
Address: 600 17th Street  
city Denver  
state CO zip 80202 Phone Number: (303) 262-2812

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-39296	CHAPITA WELLS UNIT 1325-32		SENW	32	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>AB</i>	99999	<i>13650</i>	9/20/2007		<i>9/24/07</i>		
Comments: <i>MVRD</i>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-38719	CHAPITA WELLS UNIT 945-29		SESE	29	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>AB</i>	99999	<i>13650</i>	9/19/2007		<i>9/26/07</i>		
Comments: <i>PRRU = MVRD</i>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-37533	NATURAL BUTTES UNIT 565-30E		SWNE	30	10S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>AB</i>	99999	<i>2900</i>	9/20/2007		<i>9/26/07</i>		
Comments: <i>NADRN = WSTC = WSTMVD</i>							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

**RECEIVED**  
**SEP 25 2007**

Carrie MacDonald

Name (Please Print)

Signature  
Operations Clerk

Title

9/24/2007

Date

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
EOG Resources, Inc.

3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 262-2812

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 1,732' FNL & 2,559' FWL 39.994978 LAT 109.351025 LON

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 32 9S 23E S.L.B. & M.

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Well spud
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The referenced well spud on 9/20/2007.

NAME (PLEASE PRINT) Carrie MacDonald TITLE Operations Clerk  
SIGNATURE  DATE 9/21/2007

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SEP 25 2007

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-3355
2. NAME OF OPERATOR: EOG Resources, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Chapita Wells Unit
PHONE NUMBER: (303) 262-2812		8. WELL NAME and NUMBER: Chapita Wells Unit 1325-32
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,732' FNL & 2,559' FWL 39.994978 LAT 109.351025 LON COUNTY: Uintah		9. API NUMBER: 43-047-39296
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 32 9S 23E S.L.B. & M. STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Natural Buttes/Mesaverde

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input checked="" type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

1. Natural Buttes Unit 21-20B SWD
2. Chapita Wells Unit 550-30N SWD
3. Ace Disposal
4. RN Industries

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 10-01-07  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 10-5-07  
Initials: RM

NAME (PLEASE PRINT) Carrie MacDonald	TITLE Operations Clerk
SIGNATURE [Signature]	DATE 9/21/2007

(This space for State use only)

RECEIVED  
SEP 25 2007

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-3355
2. NAME OF OPERATOR: EOG Resources, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Chapita Wells Unit
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202		7. UNIT OR CA AGREEMENT NAME: Chapita Wells Unit 1325-32
PHONE NUMBER: (303) 824-5526		8. WELL NAME and NUMBER: Chapita Wells Unit 1325-32
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,732' FNL & 2,559' FWL 39.994978 LAT 109.351025 LON		9. API NUMBER: 43-047-39296
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 32 9S 23E S.L.B. & M.		10. FIELD AND POOL, OR WILDCAT: Natural Buttes/Mesaverde
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The referenced well was turned to sales on 1/7/2008. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

NAME (PLEASE PRINT) <u>Mary A. Maestas</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u>Mary A. Maestas</u>	DATE <u>1/8/2008</u>

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JAN 09 2008

DIV. OF OIL, GAS & MINING

# WELL CHRONOLOGY REPORT

Report Generated On: 01-08-2008

<b>Well Name</b>	CWU 1325-32	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	CHAPITA DEEP	<b>API #</b>	43-047-39296	<b>Well Class</b>	1SA
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	09-30-2007	<b>Class Date</b>	01-07-2008
<b>Tax Credit</b>	N	<b>TVD / MD</b>	8,780/ 8,780	<b>Property #</b>	061617
<b>Water Depth</b>	0	<b>Last CSG</b>	0.0	<b>Shoe TVD / MD</b>	0/ 0
<b>KB / GL Elev</b>	5,160/ 5,147				
<b>Location</b>	Section 32, T9S, R23E, SENW, 1732 FNL & 2559 FWL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	53.733	<b>NRI %</b>	46.217

<b>AFE No</b>	304752	<b>AFE Total</b>	1,754,400	<b>DHC / CWC</b>	838,700/ 915,700
<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #26	<b>Start Date</b>	07-11-2007
<b>07-11-2007</b>	<b>Reported By</b>	SHARON CAUDILL			
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA

06:00 06:00 24.0 LOCATION DATA  
1732' FNL & 2559' FWL (SE/NW)  
SECTION 32, T9S, R23E  
UINTAH COUNTY, UTAH

LAT 39.994978, LONG 109.351025 (NAD 83)  
LAT 39.995011, LONG 109.350344 (NAD 27)

TRUE #26  
OBJECTIVE: 8780' TD, MESAVERDE  
DW/GAS  
CHAPITA WELLS DEEP PROSPECT  
DD&A: CHAPITA DEEP  
NATURAL BUTTES FIELD

LEASE: ML 3355  
ELEVATION: 5143.7' NAT GL, 5146.9' PREP GL(DUE TO ROUNDING THE PREP GL WILL BE 5147'), 5160' KB (13')

EOG WI 53.7326%, NRI 46.21689%

09-12-2007	Reported By	TERRY CSERE
------------	-------------	-------------

<b>DailyCosts: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Daily Total</b>	\$38,000
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CONSTRUCTION OF LOCATION WILL START TODAY.

09-13-2007 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 10% COMPLETE.

09-14-2007 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 15% COMPLETE.

09-17-2007 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 25% COMPLETE.

09-18-2007 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION IS 30% COMPLETE.

09-19-2007 Reported By TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION IS 35% COMPLETE.

09-20-2007      Reported By      TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 80% COMPLETE.

09-21-2007      Reported By      TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	40	<b>TVD</b>	40	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION/WO AIR RIG

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LINE TODAY, AFTERNOON WIND PERMITTING. CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 9/20/2007 @ 10:30 AM. SET 40' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. JERRY BARNES NOTIFIED CAROL DANIELS W/UDOGM AND MICHAEL LEE W/BLM OF THE SPUD 9/20/2007 @ 9:30 AM.

09-24-2007      Reported By      TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$38,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$38,000
<b>MD</b>	40	<b>TVD</b>	40	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE.

09-27-2007      Reported By      JERRY BARNES

<b>Daily Costs: Drilling</b>	\$189,180	<b>Completion</b>	\$0	<b>Daily Total</b>	\$189,180
<b>Cum Costs: Drilling</b>	\$227,180	<b>Completion</b>	\$0	<b>Well Total</b>	\$227,180
<b>MD</b>	2,310	<b>TVD</b>	2,310	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: WORT

Start	End	Hrs	Activity Description
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06:00 06:00 24.0 MIRU CRAIG'S AIR RIG #2 ON 9/21/2007. DRILLED 12-1/4" HOLE TO 2340' GL. ENCOUNTERED WATER @ 1560'. RAN 54 JTS (2297.20') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH DAVIS/LYNCH GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2310' KB. RDMO AIR RIG.

MIRU PRO PETRO CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 170 BBLs FRESH WATER & 20 BBLs GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 450 SX (92 BBLs) OF PREMIUM CEMENT W/2 % CACL2 & 1/4 #/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX.

DISPLACED CEMENT W/172 BBLs FRESH WATER. BUMPED PLUG W/500# @ 11:23 AM, 9/24/2007. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. NO RETURNS.

TOP JOB # 1: MIXED & PUMPED 50 SX (10.2 BBLs) OF PREMIUM CEMENT W/4 % CACL2 & 1/4 #/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HRS 10 MINUTES.

TOP JOB # 2: MIXED & PUMPED 200 SX (40.9 BBLs) OF PREMIUM CEMENT W/2% CACL2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO PRO PETRO CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

RAN SURVEY @ 2163', 1 1/4 DEGREE. TAGGED @ 2183'.

LESTER FARNSWORTH NOTIFIED DAVE HACKFORD W/UDOGM OF THE SURFACE CASING & CEMENT JOB ON 9/23/2007 @ 9:00 AM.

09-29-2007			Reported By		BENNY BLACKWELL																		
Daily Costs: Drilling			\$27,787		Completion		\$0		Daily Total		\$27,787												
Cum Costs: Drilling			\$254,967		Completion		\$0		Well Total		\$254,967												
MD		2,310		TVD		2,310		Progress		0		Days		0		MW		0.0		Visc		0.0	
Formation :				PBTD : 0.0				Perf :				PKR Depth : 0.0											
Activity at Report Time: TESTING BOP'S																							
Start		End		Hrs		Activity Description																	
06:00		11:00		5.0		RIG DOWN AND MOVE TO LOCATION																	
11:00		19:00		8.0		RIG UP AND PREPARE RIG TO DRILL																	
19:00		22:00		3.0		WELL HEAD IS SITTING TOO HIGH - CUT WELL HEAD OFF OF CASING AND WELD ON NEW WELLHEAD @ A LOWER POSITION.																	
22:00		01:30		3.5		CONT. TO RIG UP AND N/U BOP'S. ACCEPT RIG @ 01:30 HRS, 29 SEP 2007.																	
01:30		06:00		4.5		TEST BOPS - PIPE RAMS , BLIND RAMS , KILL LINE AND VALVES , CHOKE LINES AND MANIFOLD ,FLOOR VALVES , UPPER AND LOWER KELLY COCK , TO 250 PSI F/ 5 MIN., 5000 PSI FOR 10 MIN . TEST ANNULAR TO 250 PIS F/ 5 MIN, 2500 PSI FOR 10 MIN , TEST CSG TO 1500 PSI FOR 30 MIN.FUNCTION TEST ACCUMULATOR.																	
SAFETY MEETINGS: DAYS - RIG UP, EVENINGS-RIG UP, NIGHTS -N/U BOP'S.																							
FULL CREWS & NO ACCIDENTS.																							
CHECKED C-O-M OK.																							
FUEL REC: 0 GAL.																							
FUEL ON HAND: 2094 GAL.																							
FUEL USED: 299 GAL.																							



VIS: . WT.

GAS - BG: N/A U, TRIP: N/A U, CONNECTION: N/A U, PEAK: N/A U. FORMATION: . TOP - '.

LITHOLOGY: SH - 0%, SS - 0%, SILTSTONE - 0 %, COAL - 0%.

MUD LOGGER ON LOCATION DAYS: 0.

RIG MOVE IS LESS THAN 1/2 MILE.

TRANSFER THE FOLLOWING ITEMS FROM WELL CWU 954-32 (AFE #302812) TO WELL CWU 1325-32 (AFE #304752):.

DIESEL: 2393 GAL.

CASING: 257.78' (6 JTSS.) 4 1/2', 11.6#, N-80, LTC R-3 CASING.

43.39' ( 2 PUPS) 4 1/2', 11.6#, N-80, LTC R-2 PUP JTS.

09-30-2007		Reported By		BENNY BLACKWELL							
Daily Costs: Drilling		\$55,798		Completion		\$0		Daily Total		\$55,798	
Cum Costs: Drilling		\$310,765		Completion		\$0		Well Total		\$310,765	
MD	2,938	TVD	2,938	Progress	499	Days	1	MW	8.3	Visc	28.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: DRILLING @ 2938'											
Start	End	Hrs	Activity Description								
06:00	16:00	10.0	RIG REPAIR – CHANGE 2 MODULES ON #2 PUMP.								
16:00	17:00	1.0	RIG UP L/D EQUIP. – STRAP BHA AND D.P.								
17:00	21:00	4.0	P/U BHA & DRILL PIPE TO 2211'.								
21:00	22:00	1.0	RIG DOWN WESTATES L/D EQUIP.								
22:00	00:00	2.0	DRILL CEMENT, FLOAT EQUIP AND 10' OF NEW FORMATION F/ 2217' TO 2360'.								
00:00	00:30	0.5	CIRCULATE FOR FIT AND SPOT HI–VIS PILL – PERFORM FIT TO 11.3 EMW (356 PSI SURFACE PRESSURE W. 8.3 PPG FLUID).								
00:30	01:00	0.5	DRILL F/ 2360' TO 2403', 18K WOB, 61 RPM @ TABLE, 1380 PSI @ 120 SPM = 420 GPM = 67 PRM @ MTR.43' @ 86 FPH.								
01:00	01:30	0.5	SURVEY @ 2326' – 1.5 DEG.								
01:30	02:30	1.0	DRILL F/ 2403' – 2498', 18K WOB, 61 RPM @ TABLE, 1325 PSI @ 120 SPM = 420 GPM = 67 PRM @ MTR. 95' @ 95 FPH.								
02:30	03:00	0.5	RIG LIGHT PLANT DOWN – WORK ON LIGHT PLANT.								
03:00	06:00	3.0	DRILL F/ 2498' – 2939', 18K WOB, 61 RPM @ TABLE, 1325 PSI @ 120 SPM = 420 GPM = 67 PRM @ MTR. 441' @ 147 FPH.								
SAFETY MEETINGS: DAYS – WORK ON PUMP., EVENINGS–P/U BHA, MORNING –ELECTRICITY.											
FULL CREWS & NO ACCIDENTS. BOP DRILL – MORNING = 89 SEC.											
CHECKED C–O–M OK.											
FUEL REC: 4500 GAL.											
FUEL ON HAND: 6238 GAL.											
FUEL USED: 356 GAL.											
VIS: .32, WT 8.7.											
GAS – BG: N/A U, TRIP: N/A U, CONNECTION: N/A U, PEAK: N/A U. FORMATION: GREEN RIVER. TOP – 1344'.											
LITHOLOGY: SS – 20%, SH – 20%, SILTSTONE – 10 %, LIMESTONE – 50%.											
MUD LOGGER ON LOCATION DAYS: 1. MUD LOGGER JACK ROGERS ON LOCATION 13:00 HRS 29 SEP 2007.											
06:00	18.0 SPUD WELL @ 00:30 HRS, 30 SEP 2007.										

<b>10-01-2007</b>		<b>Reported By</b>		BENNY BLACKWELL							
<b>DailyCosts: Drilling</b>		\$38,936		<b>Completion</b>		\$0		<b>Daily Total</b>		\$38,936	

**Cum Costs: Drilling** \$349,702      **Completion** \$0      **Well Total** \$349,702  
**MD** 5,500    **TVD** 5,500    **Progress** 2,564    **Days** 2    **MW** 9.0    **Visc** 33.0  
**Formation :**                      **PBTD : 0.0**                      **Perf :**                      **PKR Depth : 0.0**  
**Activity at Report Time: DRLG @ 5500'**

Start	End	Hrs	Activity Description
06:00	10:00	4.0	DRILL F/ 2939' - 3414', 18K WOB, 45-50 RPM @ TABLE, 1325 PSI @ 120 SPM = 420 GPM = 67 PRM @ MTR, 475' @ 118.75 FPH.
10:00	10:30	0.5	SURVEY @ 3339 - 2 DEG.
10:30	13:00	2.5	DRILL F/ 3414' - 3730', 18K WOB, 61 RPM @ TABLE, 1325 PSI @ 120 SPM = 420 GPM = 67 PRM @ MTR, 316' @ 126.4 FPH.
13:00	13:30	0.5	SERVICE RIG - DAILY RIG SERVICE.
13:30	18:30	5.0	DRILL F/ 3730' - 4363', 18K WOB, 45-50 RPM @ TABLE, 1400 PSI @ 120 SPM = 420 GPM = 67 PRM @ MTR, 633' @ 126.6 FPH.
18:30	19:00	0.5	SURVEY @ 4288' - 2.25 DEG.
19:00	06:00	11.0	DRILL F/ 4363' - 5500', 18K WOB, 45-50 RPM @ TABLE, 1728 PSI @ 120 SPM = 420 GPM = 67 PRM @ MTR, 1137' @ 103.4 FPH.

SAFETY MEETINGS: DAYS - SURVEYS., EVENINGS-SURVEYS, MORNING -TEAM WORK.  
 FULL CREWS & NO ACCIDENTS. BOP DRILL - MORNING = 91 SEC.  
 CHECKED C-O-M OK.  
 FUEL REC: 0 GAL.  
 FUEL ON HAND: 6238 GAL.  
 FUEL USED: 1077 GAL.  
 VIS: .37, WT 9.6.  
 GAS - BG: 50-250 U, TRIP: N/A U, CONNECTION: 500 U, PEAK: 3722 U. FORMATION: CHAPITA WELLS. TOP - 4877'.  
 LITHOLOGY: SS - 20%, SH - 45%, SILTSTONE - 35 %, LIMESTONE - 0%.  
 MUD LOGGER ON LOCATION DAYS: 2.

10-02-2007      Reported By      BENNY BLACKWELL

**Daily Costs: Drilling** \$40,094      **Completion** \$0      **Daily Total** \$40,094  
**Cum Costs: Drilling** \$387,734      **Completion** \$0      **Well Total** \$387,734  
**MD** 6,900    **TVD** 6,900    **Progress** 1,400    **Days** 3    **MW** 9.8    **Visc** 38.0  
**Formation :**                      **PBTD : 0.0**                      **Perf :**                      **PKR Depth : 0.0**  
**Activity at Report Time: DRILLING @ 6900'**

Start	End	Hrs	Activity Description
06:00	12:00	6.0	DRILL F/ 5500' - 5948', 18K WOB, 45-50 RPM @ TABLE, 1728 PSI @ 120 SPM = 420 GPM = 67 PRM @ MTR, 448' @ 74.6 FPH.
12:00	12:30	0.5	SERVICE RIG - DAILY RIG SERVICE.
12:30	06:00	17.5	DRILL F/ 5948' -6900', 18K WOB, 45-50 RPM @ TABLE, 1728 PSI @ 120 SPM = 420 GPM = 67 PRM @ MTR, 954' @ 54.4 FPH.

SAFETY MEETINGS: DAYS - RIG SERVICE., EVENINGS-RIG SERVICE, MORNING -WEATHER.  
 FULL CREWS & NO ACCIDENTS. BOP DRILL - MORNING = 87 SEC.  
 CHECKED C-O-M OK.  
 FUEL REC: 0 GAL.  
 FUEL ON HAND: 4039 GAL.  
 FUEL USED: 1122 GAL.  
 VIS: .37, WT 10.9.

GAS – BG: 50–250 U, TRIP: N/A U, CONNECTION: N/A U, PEAK: 5138 U. FORMATION: PRICE RIVER. TOP – 6450'.

LITHOLOGY: SS – 35%, SH – 50%, SILTSTONE – 15 %, LIMESTONE – 0%.

MUD LOGGER ON LOCATION DAYS: 3.

10-03-2007		Reported By		BENNY BLACKWELL							
Daily Costs: Drilling		\$41,011		Completion		\$647		Daily Total		\$41,658	
Cum Costs: Drilling		\$428,746		Completion		\$647		Well Total		\$429,393	
MD	7,768	TVD	7,768	Progress	868	Days	4	MW	11.1	Visc	40.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: POH FOR BIT											
Start	End	Hrs	Activity Description								
06:00	10:30	4.5	DRILL F/ 6900 ' – 7117', 18K WOB, 45–50 RPM @ TABLE, 1728 PSI @ 120 SPM = 420 GPM = 67 PRM @ MTR, 217' @ 48.2 FPH.								
10:30	11:00	0.5	SERVICE RIG – DAILY RIG SERVICE.								
11:00	02:30	15.5	DRILL F/ 7117' – 7768', 18K WOB, 45–55 RPM @ TABLE, 2000 PSI @ 117 SPM = 408 GPM = 65 PRM @ MTR, 651' @ 37.2 FPH.								
02:30	03:30	1.0	CIRCULATE FOR BIT TRIP – LOW ROP AND LOW DIFF PRESSURE.								
03:30	04:00	0.5	DROP SURVEY AND PUMP PILL.								
04:00	06:00	2.0	PULL OUT OF HOLE – LOW ROP AND LOW DIFF PRESSURE –								
SAFETY MEETINGS: DAYS – SAFE WORK AREA, EVENINGS–HOUSEKEEPING, MORNING –MIXING CHEMICALS.											
FULL CREWS & NO ACCIDENTS.											
CHECKED C–O–M OK.											
FUEL REC: 0 GAL.											
FUEL ON HAND: 2917 GAL.											
FUEL USED: 1122 GAL.											
VIS: .44, WT 11.3.											
GAS – BG: 550 U, TRIP: N/A U, CONNECTION: 1780U, PEAK: 4838U. FORMATION: MIDDLE PRICE RIVER. TOP – 7370'.											
LITHOLOGY: SS – 45%, SH – 30%, SILTSTONE – 25 %, LIMESTONE – 0%.											
MUD LOGGER ON LOCATION DAYS: 4.											

10-04-2007		Reported By		TOM HARKINS							
Daily Costs: Drilling		\$38,214		Completion		\$0		Daily Total		\$38,214	
Cum Costs: Drilling		\$466,960		Completion		\$647		Well Total		\$467,607	
MD	8,335	TVD	8,335	Progress	567	Days	5	MW	11.4	Visc	40.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: DRILLING											
Start	End	Hrs	Activity Description								
06:00	07:30	1.5	PULL OUT OF HOLE – LOW ROP AND LOW DIFF PRESSURE. TIGHT HOLE BETWEEN 4790’ – 4100’, WORK W/ 40K OVER.								
07:30	08:30	1.0	L/D RMRS MTR P/U NEW MTR M/U BIT								
08:30	12:00	3.5	TRIP IN HOLE NO TIGHT								
12:00	12:30	0.5	WASH AND REAM 60’ TO BTM 7708-7768								
12:30	13:00	0.5	DRILL 7768 TO 7799 = 31 @ 62 FPH WTOB 14-18 RPM 40-50 GPM 385 MMRPM 61								
13:00	13:30	0.5	SERVICE RIG CHECK COM OK								

13:30 14:00 0.5 DRILL 7799 TO 7817 = 18 @ 36 FPH WTOB 16-19 RPM 40-55 GPM 385 MMRPM 61  
 14:00 15:00 1.0 RIG REPAIR WORK ON MUD PUMP  
 15:00 06:00 15.0 DRILL 7817 TO 8335 = 518 @ 34.5 FPH WTOB 14-20 RPM 40-55 GPM 385 MMRPM 61 DIFF 95-275  
 CREWS FULL , NO ACCIDENTS REPORTED , SAFTY MEETING , ESCAPE ROUTE , TRIPPING , LOTO  
 FUEL ON HAND 1795 USED 1122 , MD WT 11.6 VIS 45 , CHECK COM X 3  
 GAS BG 260-3376u TRIP 1589u CONN 5980u HIGH GAS 7000u  
 LITHOLOGY SAND 40% SHALE 30% SILT STONE 30%  
 MUD LOGGER ON LOCATION DAY : 5

10-05-2007 Reported By TOM HARKINS

<b>DailyCosts: Drilling</b>	\$75,250	<b>Completion</b>	\$0	<b>Daily Total</b>	\$75,250
<b>Cum Costs: Drilling</b>	\$542,210	<b>Completion</b>	\$647	<b>Well Total</b>	\$542,857
<b>MD</b>	8,780	<b>TVD</b>	8,780	<b>Progress</b>	445
		<b>Days</b>	6	<b>MW</b>	11.7
		<b>Visc</b>	41.0		
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: CIRC AND COND AFTER SHORT TRIP

Start	End	Hrs	Activity Description
06:00	12:00	6.0	DRILL 8335 TO 8525 = 190 @ 31.6 FPH WTOB 14-20 RPM 45-55 GPM 385 MMRPM 61 DIFF 80-235
12:00	12:30	0.5	SERVICE RIG CHECK COM OK
12:30	22:30	10.0	DRILL 8525 TO 8780' TD =255 @ 25.5 FPH WTOB 14-20 RPM 40-55 GPM 385 MMRPM 61 DIFF 65-195 MD WT 11.8 VIS 40. REACHED TD AT 22:30 HRS, 10/4/2007.
22:30	23:30	1.0	CIRCULATE FOR WIPER TRIP TO 2310'. BUILD WEIGHT PILL AND PUMP
23:30	04:30	5.0	WIPER TRIP/SHORT TRIP TO SHOE 2310 tight @ 8150 WORK THROUGH W/ 25-35 OVER TRIP BACK IN NO TIGHT
04:30	05:00	0.5	WASH/REAM 60' 8720 TO 8780 10-TO 15' FILL
05:00	06:00	1.0	CIRCULATE FOR TRIP OUT HOLE FOR OPEN HOLE LOGGS CREWS FULL , NO ACCIDENTS REPORTED , SAFTY MEETING ELECTRICAL SAFTY , TRIPPING FUEL ON HAND 3141 USED 1154 , MD WT 11.9 VIS 43 , CHECK COM X 3 FORMATION TOPS 8766 SEGO BG GAS 2500-3376u CONN 5000-6000u HIGHGAS 6603u LITHOLOGY SAND 35% SHALE 50% SILTSTONE 15% MUD LOGGER ON LOCATION DAY: 6

10-06-2007 Reported By TOM HARKINS

<b>DailyCosts: Drilling</b>	\$72,258	<b>Completion</b>	\$0	<b>Daily Total</b>	\$72,258
<b>Cum Costs: Drilling</b>	\$614,469	<b>Completion</b>	\$647	<b>Well Total</b>	\$615,116
<b>MD</b>	8,780	<b>TVD</b>	8,780	<b>Progress</b>	0
		<b>Days</b>	7	<b>MW</b>	12.0
		<b>Visc</b>	41.0		
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: WIPER TRIP AFTER LOGS

Start	End	Hrs	Activity Description
06:00	07:30	1.5	CIRCULATE FOR TOH AND RUN OPEN HOLE LOGS MDWT 12 VIS 41 WATER LOSS 7 PUMP WEIGHT PILL , DROP SURVEY @ 8703 = 1deg
07:30	10:30	3.0	TRIP OUT FOR LOGS (CHAIN OUT ) L/D MTR
10:30	12:00	1.5	HOLD SAFTY MEETING WITH SCHLUMBERGER AND RIG CREWS RIG UP SAME
12:00	23:30	11.5	RUN SONIC-SCAN-P/LS-LIGHT COMPRES&SHEARLIGHT OPEN HOLE LOGS LOGS MADE IT TO 8769' NO OTHER PROBLEMS

23:30 01:00 1.5 R/D LOGGERS AND PREP FLOOR FOR TRIP IN HOLE  
 01:00 06:00 5.0 TRIP IN HOLE , BRK CIRC @ 4858 - 6140 TAG BRIDGE @ 6140 WORK THROUGH , HOLE SEEMS STICKY AT PRESENT TIME  
 CREWS FULL , NO ACCIDENTS REPORTED , SAFTY MEETING , TRIPPING , WIRE LINE LOGS ,TRIPPING , FUEL ON HAND 2693 USED 448 , COM CHECKED X2 OK  
 LOGS WENT TO 8769' NO OTHER PROBLEMS .  
 MD WT 12 VIS 45  
 MUD LOGER RELEASED @ 2300 10-5-2007 DAY: 7

10-07-2007 Reported By TOM HARKINS

DailyCosts: Drilling \$29,316 Completion \$106,914 Daily Total \$136,231

Cum Costs: Drilling \$643,785 Completion \$107,561 Well Total \$751,347

MD 8,780 TVD 8,780 Progress 0 Days 8 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: FINISH CEMENTING

Start End Hrs Activity Description

06:00 07:00 1.0 WASH/REAM 90' TO BTM 8690 - 8780  
 07:00 08:30 1.5 CIRCULATE FOR SAFTY MEETING W/ L/D CREW , R/U SAME BUILD WEIGHT PILL AND PUMP  
 08:30 13:00 4.5 L/D DRILL PIPE AND BRK KELLY HOLE TAKEING CORRECT FILL  
 13:00 14:00 1.0 RU/RD SERVICE TOOLS HAD TO C/O L/D TRUCK BAD CONTROL VALVE  
 14:00 16:30 2.5 L/D DRILL PIPE , HWTDP , AND COLLARS  
 16:30 17:00 0.5 PULL WEAR BUSHINS SAFTY MEETING WITH CASEING CREW R/U SAME  
  
 17:00 01:00 8.0 P/U AND RUN 4.5 " #11.6 N-80 LT&C AS FOLLOWS ONE FLOAT SHOE @ 8777 1JT CSG 41.00 ONE FLOAT COLLAR @ 8733.54 , 66JTS CAG 2658' , ONE MAKER JT HCP100 4.5 " 11.6 19.76' SET @ 6055-6075 , 52 JTS CSG 2096' , 1 MARKER JT HCP110 11.6 21.59 SET @ 3937-3959 , 97 JTS CSG 3918' , CASING HANGER ASS. 6.16 AND LANDING JT 13'  
  
 01:00 03:00 2.0 INSTALL CEMENT HEAD CIRCULATE , R/D CASERS AND L/D TRUCK, SAFTY MEETING , R/U SCHLUMBERGER TEST LINES @ 4000psi  
 03:00 05:00 2.0 CEMENT 4.5 CSG AS FOLLOWS : PRESURE TEST TO 5 K PUMP 20 BBL CHEM WASH , 20 BBL WATER SPACER : MIX AND PUMP CEMENT  
 LEAD 400 SKS 124.BBL 35-65 POZ G+ ADDS YEILD 1.75 H2O 9.1 GAL/SK @ 13.0 PPG  
 D020 4.0% , D174 2.0 % , D029 .25% , D046 .2% , D112 .2% , D013 .25%  
 TAIL 1455 SKS 334 BBL 50/50 POZ + ADDS YEILD 1.29 H2O 5.96 GAL/SK @ 14.1 PPG  
 D020 2.0% , D065 .2% , D167 .2% , D046 .1% , D013 .1%  
 DISP WITH 135 BBL FRESH WATER @ 7.4 BBL FULL RETURNS , BUMPED PLUG W/ 3685 PSI 1000PSI OVER FCP , FLOATS HELD - BLED BACK 1.5 BBL CEMENT IN PLACE 0500 HRS 10-07-2007  
 CREWS FULL , NO ACCIDENTS REPORTED , SAFTY MEETING , L/D DP / RUN CSG / CEMENT COM CHECK OK , FUEL ON HAND 1945 USED 748  
 MUD LOGER RELEASED @ 2300 10-05-2007 DAYS 7  
 RIG MOVE 8 TENTHS  
 05:00 06:00 1.0 R/D SCHLUMBERGER , HOLD CEMENT HEAD FOR ONE HOUR , TEST CASING HANGER @ 5000psi GOOD , BACK OUT LANDING JT HANGER LANDED 85K

10-08-2007 Reported By TOM HARKINS

DailyCosts: Drilling \$34,713 Completion \$47,198 Daily Total \$81,911

Cum Costs: Drilling \$678,499 Completion \$154,759 Well Total \$833,259

MD 8,780 TVD 8,780 Progress 0 Days 9 MW 0.0 Visc 0.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: RDRT/NO COMPLETION

Start	End	Hrs	Activity Description
06:00	07:00	1.0	N/D BOPS.
07:00	11:00	4.0	CLEAN MUD TANKS.
11:00	20:00	9.0	RIG DOWN BY HAND HAD TWO TRUCKS AFTER NOON MOVED DP AND MOVED SACK MUD DERRICK OVER @ 1230
20:00	06:00	10.0	WAIT ON DAYLIGHT CREWS FULL NO ACCIDENTS REPORTED , SAFTY MEETING CLEAN MUD TANKS , RIG DOWN FUEL TRANSFERED TO 1328-32 1745 GAL WILL HAVE TRUCKS THIS MORNING
06:00		18.0	RELEASE RIG @ 11:00 HRS, 10/7/2007. CASING POINT COST \$672,725

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**10-15-2007**      **Reported By**      SEARLE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$43,504	<b>Daily Total</b>	\$43,504
<b>Cum Costs: Drilling</b>	\$678,499	<b>Completion</b>	\$198,263	<b>Well Total</b>	\$876,763
<b>MD</b>	8,780	<b>TVD</b>	8,780	<b>Progress</b>	0
<b>Days</b>	10	<b>MW</b>	0.0	<b>Visc</b>	0.0

Formation : PBTB : 8734.0 Perf : PKR Depth : 0.0

Activity at Report Time: PREP FOR FRACS

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTB TO 900'. EST CEMENT TOP @ 1200'. RD SCHLUMBERGER.

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**11-11-2007**      **Reported By**      MCCURDY

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$2,325	<b>Daily Total</b>	\$2,325
<b>Cum Costs: Drilling</b>	\$678,499	<b>Completion</b>	\$200,588	<b>Well Total</b>	\$879,088
<b>MD</b>	8,780	<b>TVD</b>	8,780	<b>Progress</b>	0
<b>Days</b>	11	<b>MW</b>	0.0	<b>Visc</b>	0.0

Formation : PBTB : 8734.0 Perf : PKR Depth : 0.0

Activity at Report Time: WO COMPLETION

Start	End	Hrs	Activity Description
06:00	08:00	2.0	NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 6500 PSIG. WO COMPLETION.

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**11-13-2007**      **Reported By**      MCCURDY

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$5,267	<b>Daily Total</b>	\$5,267
<b>Cum Costs: Drilling</b>	\$678,499	<b>Completion</b>	\$205,856	<b>Well Total</b>	\$884,356
<b>MD</b>	8,780	<b>TVD</b>	8,780	<b>Progress</b>	0
<b>Days</b>	12	<b>MW</b>	0.0	<b>Visc</b>	0.0

Formation : MESAVERDE PBTB : 8734.0 Perf : 7437'-8524' PKR Depth : 0.0

Activity at Report Time: FRAC MPR/UPR

Start	End	Hrs	Activity Description
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06:00 17:00 11.0 RU CUTTERS WIRELINE. PERFORATED LPR FROM 8360'-63', 8388'-92', 8446'-48', 8471'-72', 8487'-88', 8486'-97' & 8521'-24' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 6248 GAL WF120 LINEAR PAD, 2946 GAL WF120 LINEAR W/1# & 1.5#, 2946 GAL YF116ST+ W/26412# 20/40 SAND @ 1-4 PPG. MTP 6173 PSIG. MTR 50.6 BPM. ATP 4882 PSIG. ATR 46.4 BPM. ISIP 2600 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8300'. PERFORATED LPR FROM 8105'-06', 8127'-28', 8134'-35', 8151'-52', 8167'-68', 8171'-72', 8182'-83', 8218'-19', 8225'-26', 8236'-37', 8245'-46' & 8251'-52' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5082 GAL WF120 LINEAR PAD, 2944 GAL WF120 LINEAR W/1#, 29270 GAL YF116ST+ W/78000# 20/40 SAND @ 1-5 PPG. MTP 6369 PSIG. MTR 55.4 BPM. ATP 5179 PSIG. ATR 46 BPM. ISIP 2950 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8075'. PERFORATED MPR FROM 7857'-58', 7882'-83', 7927'-28', 7949'-50', 7968'-69', 7995'-96', 8024'-26', 8034'-36', 8052'-53' & 8064'-65' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 6130 GAL WF120 LINEAR PAD, 6204 GAL WF120 LINEAR W/1#, 24206 GAL YF116ST+ W/52300# 20/40 SAND @ 1-3 PPG. MTP 6411 PSIG. MTR 50.8 BPM. ATP 5764 PSIG. ATR 45.2 BPM. ISIP 2760 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 7830'. PERFORATED MPR FROM 7693'-94', 7700'-01', 7712'-13', 7719'-20', 7729'-30', 7743'-44', 7752'-53', 7759'-60', 7770'-71', 7779'-80', 7794'-95' & 7811'-12' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 6971 GAL WF120 LINEAR PAD, 8402 GAL WF120 LINEAR W/1#, 66401 GAL YF116ST+ W/202800# 20/40 SAND @ 1-4 PPG. MTP 6545 PSIG. MTR 50.8 BPM. ATP 5175 PSIG. ATR 47.7 BPM. ISIP 3650 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 7665'. PERFORATED MPR FROM 7437'-38', 7470'-71', 7478'-79', 7514'-15', 7523'-24', 7540'-41', 7554'-55', 7589'-90', 7601'-02', 7608'-09', 7639'-40' & 7645'-46' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5297 GAL WF120 LINEAR PAD, 5679 GAL WF120 LINEAR W/1# & 1.5# SAND, 32788 GAL YF116ST+ W/107700 # 20/40 SAND @ 1-5 PPG. MTP 6366 PSIG. MTR 50.8 BPM. ATP 5102 PSIG. ATR 46.3 BPM. ISIP 2770 PSIG. RD SCHLUMBERGER. SDFN.

11-14-2007 Reported By MCCURDY

Daily Costs: Drilling	\$0	Completion	\$295,515	Daily Total	\$295,515
Cum Costs: Drilling	\$678,499	Completion	\$501,371	Well Total	\$1,179,871
MD 8,780 TVD 8,780	Progress 0	Days 13	MW 0.0	Visc 0.0	
Formation : MESAVERDE	PBTD : 8734.0	Perf : 6437'-8524'	PKR Depth : 0.0		

Activity at Report Time: PREP TO MIRUSU

Start End Hrs Activity Description

06:00 14:00 8.0 SICP 1460 PSIG. RUWL SET 10K CFP AT 7405'. PERFORATED UPR FROM 7258'-59', 7262'-63', 7277'-78', 7286'-87', 7296'-97', 7318'-19', 7324'-25', 7333'-34', 7341'-42', 7368'-69', 7376'-77' & 7382'-83' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 3956 GAL WF120 LINEAR PAD, 7174 GAL WF120 LINEAR W/1# & 1.5# SAND, 39102 GAL YF116ST+ W/120400# 20/40 SAND @ 1-5 PPG. MTP 5601 PSIG. MTR 50.7 BPM. ATP 3988 PSIG. ATR 46.9 BPM. ISIP 2260 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 7230'. PERFORATED UPR FROM 6954'-55', 6967'-68', 7000'-01', 7021'-22', 7038'-39', 7131'-32', 7237'-38', 7148'-49', 7163'-64', 7199'-200', 7205'-06' & 7214'-15' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5082 GAL WF120 LINEAR PAD, 35364 GAL YF116ST+ W/89300# 20/40 SAND @ 1-5 PPG. MTP 6476 PSIG. MTR 50.1 BPM. ATP 5242 PSIG. ATR 45.1 BPM. ISIP 2570 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 6845'. PERFORATED UPR FROM 6617'-18', 6624'-25', 6630'-31', 6642'-43', 6653'-54', 6661'-62', 6709'-10', 6749'-50', 6755'-56', 6761'-62', 6800'-01' & 6808'-09' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 3527 GAL WF120 LINEAR PAD, 6952 GAL WF120 LINEAR W/1# & 1.5# SAND, 37527 GAL YF116ST+ W/116600# 20/40 SAND @ 1-5 PPG. MTP 6178 PSIG. MTR 50.9 BPM. ATP 4288 PSIG. ATR 47.6 BPM. ISIP 2200 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 6565'. PERFORATED UPR FROM 6437'-38', 6448'-50', 6459'-60', 5484'-86', 6493'-94', 6508'-09', 6537'-39' & 6546'-48' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 3518 GAL WF120 LINEAR PAD, 6955 GAL WF120 LINEAR W/1# & 1.5 # SAND, 42363 GAL YF116ST+ W/141000 # 20/40 SAND @ 1-5 PPG. MTP 5824 PSIG. MTR 50.8 BPM. ATP 3893 PSIG. ATR 48 BPM. ISIP 2220 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CBP AT 6322'. BLED OFF PRESSURE. RDWL. SDFN.

<b>11-15-2007</b>	<b>Reported By</b>	HAL IVIE									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$27,454	<b>Daily Total</b>	\$27,454						
<b>Cum Costs: Drilling</b>	\$678,499	<b>Completion</b>	\$528,825	<b>Well Total</b>	\$1,207,325						
<b>MD</b>	8,780	<b>TVD</b>	8,780	<b>Progress</b>	0	<b>Days</b>	14	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE</b>		<b>PBTD : 8734.0</b>		<b>Perf : 6437'-8524'</b>		<b>PKR Depth : 0.0</b>					
<b>Activity at Report Time: CLEAN OUT AFTER FRAC</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	18:00	12.0	SICP 0 PSIG, MIRU ROYAL RIG # 1. ND FRAC TREE. NU BOP. RIH W/ BIT & PUMP OFF SUB TO 6280'. RU TO DRILL OUT PLUGS. SDFN.								

<b>11-16-2007</b>	<b>Reported By</b>	HAL IVIE									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$50,059	<b>Daily Total</b>	\$50,059						
<b>Cum Costs: Drilling</b>	\$678,499	<b>Completion</b>	\$578,884	<b>Well Total</b>	\$1,257,384						
<b>MD</b>	8,780	<b>TVD</b>	8,780	<b>Progress</b>	0	<b>Days</b>	15	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE</b>		<b>PBTD : 8734.0</b>		<b>Perf : 6437'-8524'</b>		<b>PKR Depth : 0.0</b>					
<b>Activity at Report Time: FLOW TEST</b>											
<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>								
06:00	18:00	12.0	SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 6322', 6565', 6845', 7230', 7405', 7665', 7830', 8075' & 8300'. RIH. CLEANED OUT TO PBTD @ 8733'. LANDED TBG AT 6889' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMOSU.								

FLOWED 13 HRS. 16/64" CHOKE. FTP 1700 PSIG. CP 2450 PSIG. 39 BFPH. RECOVERED 500 BLW. 9337 BLWTR.

TUBING DETAIL LENGTH

PUMP OFF SUB 1.00'  
 1 JT 2-3/8 4.7# N-80 TBG 31.99'  
 XN NIPPLE 1.10'  
 218 JTS 2-3/8 4.7# N-80 TBG 6841.63'  
 BELOW KB 13.00'  
 LANDED @ 6888.72' KB

<b>11-17-2007</b>	<b>Reported By</b>	HAL IVIE									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$2,560	<b>Daily Total</b>	\$2,560						
<b>Cum Costs: Drilling</b>	\$678,499	<b>Completion</b>	\$581,444	<b>Well Total</b>	\$1,259,944						
<b>MD</b>	8,780	<b>TVD</b>	8,780	<b>Progress</b>	0	<b>Days</b>	16	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE</b>		<b>PBTD : 8734.0</b>		<b>Perf : 6437'-8524'</b>		<b>PKR Depth : 0.0</b>					
<b>Activity at Report Time: FLOW TEST, SHUT WELL IN @ 6AM, TURNED OVER TO PRODUCTION.</b>											



Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 16/64" CHOKE. FTP 1800 PSIG, CP 2800 PSIG. 28 BFPH. RECOVERED 674 BBLS, 8663 BLWTR. TURNOVER TO PRODUCTION.

FINAL COMPLETION DATE: 11/16/07

01-08-2008      Reported By      HEATH LEMON

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
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Cum Costs: Drilling	\$678,499	Completion	\$581,444	Well Total	\$1,259,944
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MD	8,780	TVD	8,780	Progress	0	Days	17	MW	0.0	Visc	0.0
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Formation : MESAVERDE	PBTD : 8734.0	Perf : 6437'-8524'	PKR Depth : 0.0
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Activity at Report Time: INITIAL PRODUCTION-FIRST GAS SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	INITIAL PRODUCTION. FIRST GAS SALES: OPENING PRESSURE: TP 1425 & CP 2600 PSI. TURNED WELL TO QUESTAR SALES AT 12:30 PM, 01/07/08. FLOWED 455 MCFD RATE ON 12/64" POS CHOKE. STATIC 367.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME Chapita Wells Unit	
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Chapita Wells Unit 1325-32	
2. NAME OF OPERATOR: EOG Resources, Inc.		9. API NUMBER: 43-047-39296	
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80229		PHONE NUMBER: (303) 824-5526	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1732' FNL & 2559' FWL 39.994978 LAT 109.351025 LON AT TOP PRODUCING INTERVAL REPORTED BELOW: Same AT TOTAL DEPTH: Same		10 FIELD AND POOL, OR WILDCAT Natural Buttes/Mesaverde	
		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE NW 32 9S 23E S	
		12. COUNTY Uintah	13. STATE UTAH

14. DATE SPUDDED: 9/20/2007	15. DATE T.D. REACHED: 10/4/2007	16. DATE COMPLETED: 1/7/2008	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 5144' NAT GL
18. TOTAL DEPTH: MD 8,780 TVD	19. PLUG BACK T.D.: MD 8,734 TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) RST/CBL/CCL/VOL/GR MUD, Temp			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12-1/4"	9-5/8" J-55	36.0	0	2,310		700 sx			
7-7/8"	4-1/2" N-80	11.6	0	8,777		1855			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6.889							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Mesaverde	6.437	8.524			8,360 8,524		3	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					8,105 8,252		3	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					7,857 8,065		3	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)					7,693 7,812		3	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
8360-8524	12,305 GALS GELLED WATER & 26,412# 20/40 SAND
8105-8252	37,461 GALS GELLED WATER & 78,000# 20/40 SAND
7857-8065	36,705 GALS GELLED WATER & 52,300# 20/40 SAND

29. ENCLOSED ATTACHMENTS:

- |   |  |                                       |   |
|---|--|---------------------------------------|---|
| <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS                         | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT   | <input type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS   | <input type="checkbox"/> OTHER: _____ |   |

30. WELL STATUS:

Producing

RECEIVED  
FEB 06 2008  
DIV. OF OIL, GAS & MINING

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 1/7/2008	TEST DATE: 1/14/2008	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 3	GAS – MCF: 688	WATER – BBL: 240	PROD. METHOD: Flows
CHOKE SIZE: 12/64"	TBG. PRESS. 1,800	CSG. PRESS. 2,200	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

## INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

## INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

## INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Mesaverde	6,437	8,524		Green River Mahogany Wasatch Chapita Wells Buck Canyon Price River Middle Price River Lower Price River Sequo	1,434 2,055 4,311 4,864 5,567 6,423 7,313 8,098 8,581

## 35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Mary A. Maestas

TITLE Regulatory Assistant

SIGNATURE

DATE 2/5/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

**Chapita Wells Unit 1325-32 - ADDITIONAL REMARKS (CONTINUED):**

**27. PERFORATION RECORD**

7437-7646	3/spf
7258-7383	3/spf
6954-7215	3/spf
6617-6809	3/spf
6437-6548	3/spf

**28. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.**

7693-7812	81,939 GALS GELLED WATER & 202,800# 20/40 SAND
7437-7646	43,929 GALS GELLED WATER & 107,700# 20/40 SAND
7258-7383	50,397 GALS GELLED WATER & 120,400# 20/40 SAND
6954-7215	40,611 GALS GELLED WATER & 89,300# 20/40 SAND
6617-6809	48,171 GALS GELLED WATER & 116,600# 20/40 SAND
6437-6548	53,001 GALS GELLED WATER & 141,000# 20/40 SAND

Perforated the Lower Price River from 8360-63, 8388-92, 8446-48, 8471-72, 8487-88, 8496-97, 8521-24 w/ 3 spf.

Perforated the Lower Price River from 8105-06, 8127-28, 8134-35, 8151-52, 8167-68, 8171-72, 8182-83, 8218-19, 8225-26, 8236-37, 8245-46, 8251-52 w/ 3 spf.

Perforated the Middle Price River from 7857-58, 7882-83, 7927-28, 7949-50, 7968-69, 7995-96, 8024-26, 8034-36, 8052-53, 8064-65 w/ 3 spf.

Perforated the Middle Price River from 7693-94, 7700-01, 7712-13, 7719-20, 7729-30, 7743-44, 7752-53, 7759-60, 7770-71, 7779-80, 7794-95, 7811-12 w/ 3 spf.

Perforated the Middle Price River from 7437-38, 7470-71, 7478-79, 7514-15, 7523-24, 7540-41, 7554-55, 7589-90, 7601-02, 7608-09, 7639-40, 7645-46 w/ 3 spf.

Perforated the Upper Price River from 7258-59, 7262-63, 7277-78, 7286-87, 7296-97, 7318-19, 7324-25, 7333-34, 7341-42, 7368-69, 7376-77, 7382-83 w/ 3 spf.

Perforated the Upper Price River from 6954-55, 6967-68, 7000-01, 7021-22, 7038-39, 7131-32, 7137-38, 7148-49, 7163-64, 7199-7200, 7205-06, 7214-15 w/ 3 spf.

Perforated the Upper Price River from 6617-18, 6624-25, 6630-31, 6642-43, 6653-54, 6661-62, 6709-10, 6749-50, 6755-56, 6761-62, 6800-01, 6808-09 w/ 3 spf.

Perforated the Upper Price River from 6437-38, 6448-50, 6459-60, 6484-86, 6493-94, 6508-09, 6537-39, 6546-48 w/ 3 spf.

## FORM 7

Well name and number: CWU 1325-32

API number: 4304739296

Well Location: QQ SENW Section 32 Township 9S Range 23E County UINTAH

Well operator: EOG

Address: 1060 E HWY 40

city VERNAL state UT zip 84078

Phone: (435) 781-9111

Drilling contractor: CRAIGS ROUSTABOUT SERVICE

Address: PO BOX 41

city JENSEN state UT zip 84035

Phone: (435) 781-1366

[illegible]

1 _____	2 _____	3 _____
4 _____	5 _____	6 _____
7 _____	8 _____	9 _____
10 _____	11 _____	12 _____

**I hereby certify that this report is true and complete to the best of my knowledge.**

NAME (PLEASE PRINT) **Mary A. Maestas**

TITLE **Regulatory Assistant**

**SIGNATURE**

DATE **2/5/2008**

(5/2000)

RECEIVED  
FEB 06 2008  
DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML 3355
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG RESOURCES, INC.		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>3. ADDRESS OF OPERATOR:</b> 600 17th Street, Suite 1000 N , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> CWU 1325-32
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1732 FNL 2559 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 32 Township: 09.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047392960000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>6/4/2014</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			
OTHER: <input style="width: 100px;" type="text" value="Well Connect"/>			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 CWU 1325-32 has been connected to Davies Road Facility on June 4, 2014. All wells producing at the Davies Road Facility are within PA# A-Z, AA-BB, UTU63013BF.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 June 16, 2014

<b>NAME (PLEASE PRINT)</b> Donna J Skinner	<b>PHONE NUMBER</b> 303 262-9467	<b>TITLE</b> Sr. Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/5/2014	